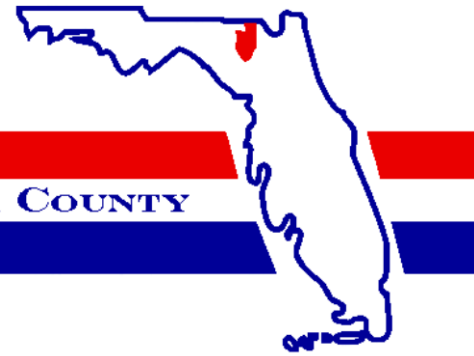


District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Robby Hollingsworth
District No. 4 - Toby Witt
District No. 5 - Tim Murphy



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

July 22, 2021

VIA ELECTRONIC MAIL

Paul O'Conner, President
O'Conner Construction Group
173 CR 3850
Poolville, Texas 76487

Re: Site & Development Plan (SDP 21 04) "U.S. Cold Storage Expansion"
Approval Letter

Dear Mr. O'Conner,

The Minor Site & Development Application you submitted has been reviewed in accordance with Section 14.13.6 "Minor Site and Development Plan Approval" of the Land Development Regulations ("LDRs"). The Minor Site and Development Plan Application, SDP 21 04, for the U.S. Cold Storage Expansion has been found in compliance with the County's Comprehensive Plan and Land Development Regulations and is hereby approved.

If you have any questions, please do not hesitate to contact me at bstubbs@columbiacountyfla.com or (386) 754-7119.

Sincerely,

Brandon M. Stubbs
Community Development Coordinator
Land Development Regulation Admin.

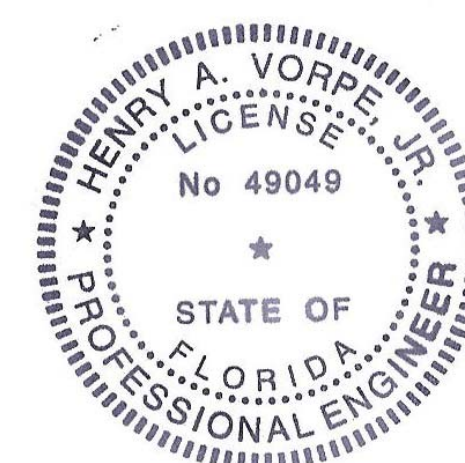
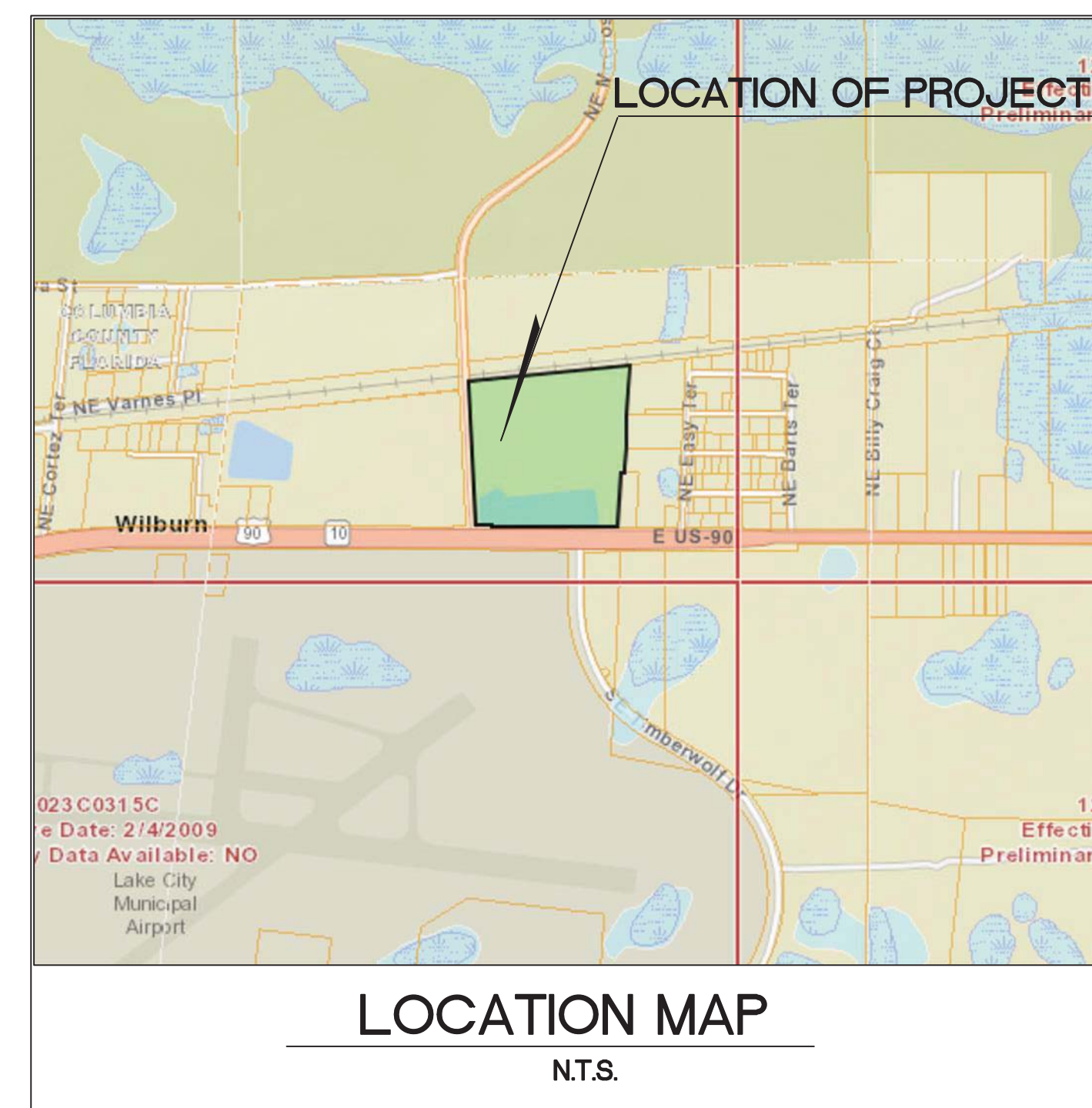
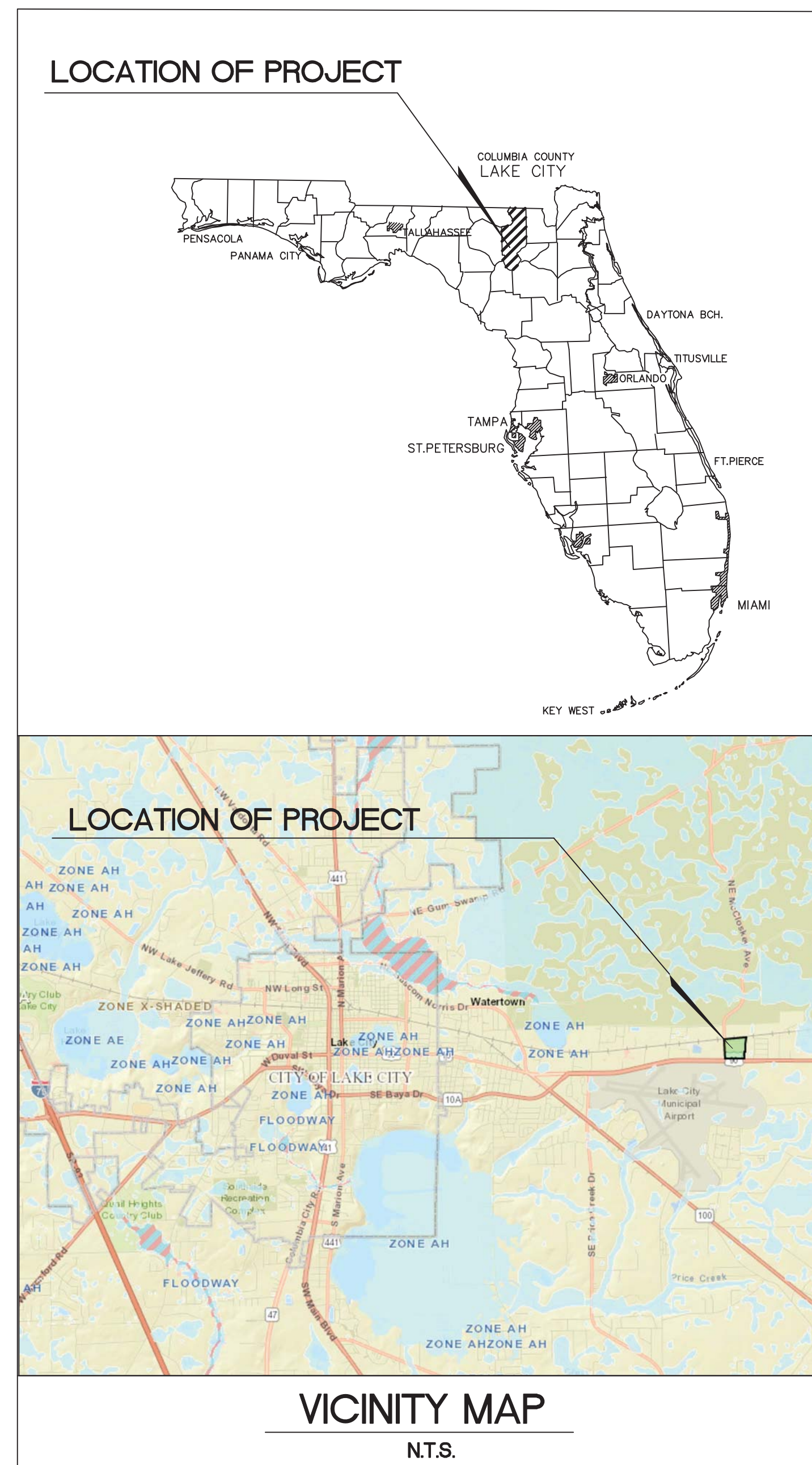
CC: Jennifer Wilson, Ava Engineers

BOARD MEETS THE FIRST THURSDAY AT 5:30 P.M.
AND THIRD THURSDAY AT 5:30 P.M.

P.O. BOX 1529 ▼ LAKE CITY, FLORIDA 32056-1529 ▼ PHONE: (386) 755-4100

US COLD STORAGE


211 MCCLOSKEY AVE, LAKE
CITY, FL 32055



Digitally signed
by Henry A
Vorpe Jr.
Date:
2021.06.08
10:21:03 -04'00'

No.	Revisions	By

AVA ENGINEERS, INC.
Commercial | Residential | Marine
Florida Certificate No. 00008161
4201 BAYMEADOWS RD., SUITE 3 | JACKSONVILLE, FLORIDA 32217
PA. (904) 730-3223 | FX. (904) 730-3226
Henry A. Uppig Jr. No. 40846



I, AVA ENGINEERS, INC., HEREBY CERTIFY THAT THE UNDERSIGNED SEAL OF A PROFESSIONAL ENGINEER HAS BEEN AFFIXED TO THIS DRAWING AND THAT I AM AN AUTHORIZED AGENT FOR AVA ENGINEERS, INC. FOR THE PURPOSES OF THIS PROJECT. THE STORMWATER SYSTEM AS SHOWN ON THESE PANS HAS BEEN PREPARED IN ACCORDANCE WITH STANDARD DESIGN CRITERIA, RULES OR LAWS THAT ARE MANDATED BY THE STATE OF FLORIDA. NO OTHER CODES HAVE BEEN USED TO DETERMINE THE FINAL DESIGN FOR THIS PROJECT. THE UNDERSIGNED DOES NOT ACCEPT RESPONSIBILITY FOR POSSIBLE FUTURE RETENTION AND TREATMENT OF STORMWATER.

US COLD STORAGE

FLORIDA

COVER

COLUMBIA COUNTY

Date:	5/21
Designer:	HAV
Job #:	21-024
Drawn:	ARB
Scale:	
Sheet:	1 of 9

GENERAL NOTES:

1. TOPOGRAPHIC BOUNDARY SURVEY, INCLUDING PROPERTY LINES, LEGAL DESCRIPTION, EXISTING UTILITIES, SITE TOPOGRAPHY WITH SPOT ELEVATIONS, OUTSTANDING PHYSICAL FEATURES AND EXISTING STRUCTURE LOCATIONS WERE PROVIDED BY: RICHARD P. CLARSON AND ASSOCIATES, INC.
2. AVA ENGINEERS AND ITS ASSOCIATES WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF SURVEY OR FOR DESIGN ERRORS OR OMISSIONS RESULTING FROM SURVEY INACCURACIES. CONTRACTOR SHALL VERIFY EXISTING TOPOGRAPHY PRIOR TO CONSTRUCTION & NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. ALL PHASES OF SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE CITY OF LAKE CITY SITE WORK SPECIFICATIONS.
4. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
5. WARRANTY / DISCLAIMER
THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS. NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.
6. FOR BOUNDARY, ROADWAY AND BUILDING GEOMETRY INFORMATION SEE ENGINEERING SITE PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE BUILDING DIMENSIONS SHOWN ON THE ENGINEERING PLAN AGREES WITH THE DIMENSIONS SHOWN ON THE ARCHITECTURAL PLAN. IF ANY DIMENSIONS DO NOT AGREE, THE ARCHITECT, ENGINEER AND OWNER SHALL BE NOTIFIED AND THE DIMENSIONS ADJUSTED PRIOR TO COMMENCING WITH CONSTRUCTION.
7. ALL CONSTRUCTION WITHIN CITY OF LAKE CITY RIGHT-OF-WAY SHALL BE COORDINATED WITH THE CITY OF LAKE CITY. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION FOR VERIFICATION AND LOCATION OF ALL UTILITIES.
8. CONTRACTOR SHALL FURNISH SHOP DRAWINGS TO ENGINEER INDICATING MATERIALS AND MANNER OF INSTALLATION FOR ALL COMPONENTS OF THE PROJECT PRIOR TO PURCHASE OF MATERIALS AND CONSTRUCTION.
9. THESE ENGINEERING DRAWINGS MAY NOT SHOW ALL OF THE CITY OF LAKE CITY STANDARD DETAILS REQUIRED TO COMPLETE CONSTRUCTION OF THIS PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY THAT THE CONSTRUCTION, OUTSIDE CITY OF LAKE CITY RIGHT OF WAY BE IN ACCORDANCE WITH ALL CURRENT CITY OF LAKE CITY STANDARD DETAILS AND SPECIFICATIONS.
10. ALL CONTRACTORS SHALL FURNISH CERTIFIED "AS-BUILTS" , SEE AS-BUILT REQUIREMENTS ON THIS SHEET.
11. CONTRACTOR SHALL VERIFY AND PROTECT ALL EXISTING TREES AND NATURAL VEGETATION THAT ARE TO REMAIN UNDISTURBED. THE AREAS INDICATED FOR CONSTRUCTION SHALL BE CLEARED AND GRUBBED TO REMOVE ALL ROOTS AND MISCELLANEOUS VEGETATION EXCEPT SPECIFIC TREES THAT SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION WITH THE USE OF TREE BARRIERS. TREES TO BE PRESERVED ARE FLAGGED, CONTRACTOR SHALL VERIFY BEFORE THE START OF CONSTRUCTION.
12. ALL WORK SHALL BE PERFORMED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF OSHA SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY INJURIES OF HIS EMPLOYEES, AND ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT. ALL COSTS ASSOCIATED WITH COMPLYING WITH OSHA REGULATIONS AND THE FLORIDA TRENCH SAFETY ACT MUST BE INCLUDED IN THE CONTRACTORS BID.
13. ALL IMPROVEMENTS SHOWN ARE TO BE WARRANTED BY THE CONTRACTOR TO THE DEVELOPER FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER. IF THE WORK IS IN THE CITY RIGHT-OF-WAY OR EASEMENT, THE CONTRACTOR'S ONE YEAR WARRANTY SHALL EXTEND TO THE CITY OF LAKE CITY.
14. THE CONTRACTOR WILL CONTRACT WITH AN INDEPENDENT TESTING LABORATORY TO PERFORM MATERIAL TESTING AND SOIL TESTING IN ACCORDANCE WITH THE CITY REQUIREMENT AND THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT. THIS SHALL INCLUDE DENSITY TESTING IN ALL PAVEMENT AREAS AND BUILDING PADS AND IN THE UTILITY TRENCHES LOCATED IN PAVEMENT AREAS, CONCRETE TESTING AND ALL OTHER MATERIAL TESTING. PRIOR TO LIMEROCK PLACEMENT, THE PROJECT GEOTECHNICAL ENGINEER SHALL MAKE RECOMMENDATIONS FOR UNDERDRAIN PLACEMENT.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT, INCL. CITY OF LAKE CITY RIGHT-OF-WAY PERMITS FOR WORK IN THE CITY RIGHT-OF-WAY OR EASEMENT.
16. THE CONTRACTOR SHALL COORDINATE THE WORK WITHIN CITY RIGHT-OF-WAY WITH THE PROPER AGENCIES FOR MAINTENANCE OF TRAFFIC AND METHOD OF CONSTRUCTION AND REPAIR.
17. THE CONTRACTOR SHALL PROVIDE NO LESS THAN A 6 INCH CLEARANCE BETWEEN ALL UTILITIES OTHER THAN WATER MAINS, WHICH SHALL BE TO COUNTY HEALTH DEPARTMENT PERMIT CONDITIONS.
18. THESE PLANS DO NOT STAND BY THEMSELVES. BID DOCUMENTS, UTILITY WATER AND SEWER STANDARDS DETAILS & MATERIALS, CITY OF LAKE CITY STANDARD SPECIFICATIONS & DETAILS AND ANY OTHER STANDARDS, LISTED OR REFERENCES, ARE INCLUDED IN THE PROJECT DOCUMENTS.
19. THE CONTRACTOR SHALL NOTIFY THE CITY OF LAKE CITY A MINIMUM OF 24 HOURS PRIOR TO STARTING CONSTRUCTION.
20. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSION, DOOR LOCATIONS, & WATER & SEWER CONNECTION POINTS. LOCATIONS SHOWN FOR REFERENCE ONLY.

UTILITY CONSTRUCTION NOTES:

1. ALL WATER, RECLAIMED WATER AND SANITARY WASTEWATER WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST UTILITY STANDARDS MANUAL, ALL APPLICABLE LOCAL AND STATE RULES AND REGULATIONS AND OTHER APPLICABLE UTILITY RULES.
2. ALL WATER, RECLAIMED WATER AND SANITARY WASTEWATER CONSTRUCTION SHALL BE PROVIDED BY A CONTRACTOR QUALIFIED AS REQUIRED UNDER THE CURRENT FLORIDA STATUTES OR BY AN UNDERGROUND UTILITY CONTRACTOR, LICENSED UNDER THE PROVISIONS OF CHAPTER 489 FS.
3. THE APPLICANT SHALL BE RESPONSIBLE FOR OBTAINING CITY, COUNTY OR FDOT ROW PERMITS FOR WORK IN THE CITY, COUNTY OR FDOT RIGHTS-OF-WAY.
4. THE APPLICANT SHALL CONTACT LOCAL UTILITIES AND SCHEDULE A PRE-CONSTRUCTION MEETING TO BE HELD PRIOR TO INITIATING THE WATER AND WASTEWATER UTILITY WORK, INCLUDING ALL UTILITY MAIN TAPS BY THE CONTRACTOR.
5. UTILITY WATER AND WASTEWATER TAP FEES, CAPACITY FEES AND METER FEES SHALL BE PAID PRIOR TO THE WATER METER INSTALLATION. WATER METERS WILL NOT BE INSTALLED PRIOR TO ISSUANCE OF REQUIRED ACCEPTANCE (TRANSFER OF OWNERSHIP) DOCUMENTS WHICH MAY INCLUDE THE ISSUANCE OF A REGULATORY CLEARANCE LETTER (COC) FOR THE WATER AND WASTEWATER IMPROVEMENTS, COMPLETION AND APPROVAL OF FINAL INSPECTION AND AS-BUILT DRAWINGS.
6. FINAL CONNECTION TO THE UTILITY SYSTEM MAY BE CONTINGENT UPON THE CONSTRUCTION, DEDICATION AND FINAL ACCEPTANCE OF THE OFF-SITE UTILITIES.
7. MINIMUM HORIZONTAL AND VERTICAL SEPARATIONS FOR WATER, RECLAIMED WATER AND WASTEWATER IMPROVEMENTS SHALL CONFORM TO THE LATEST UTILITY AND FDEP RULES. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE PROPOSED WATER AND WASTEWATER UTILITIES AND PONDS OR STRUCTURES SHALL CONFORM TO THE LATEST UTILITY WATER AND WASTEWATER STANDARDS MANUAL.
8. WATER AND WASTEWATER PIPES LESS THAN 24" IN DIAMETER SHALL BE CONSTRUCTED WITH A MINIMUM 30" COVER IN UNPAVED OR SIDEWALK AREAS AND A MINIMUM OF 36" COVER IN PAVED AREAS. THE MAXIMUM COVER FOR UTILITIES, BOTH OPEN CUT AND UTILIZING HDD METHODS SHALL COMPLY WITH THE LATEST UTILITY WATER AND WASTEWATER STANDARDS MANUAL.
9. WATER AND WASTEWATER PRESSURE MAINS AND SERVICES SHALL PASS A UTILITY PRESSURE AND LEAKAGE TEST AT 150-PSI MINIMUM OR TWO TIMES OPERATING PRESSURE, FOR 2-HOURS. IN ADDITION, WATER MAINS SHALL BE DISINFECTED AND PASS A BACTERIOLOGICAL ANALYSIS. ALL TESTS SHALL CONFORM TO LOCAL UTILITY AND FDEP RULES, REGULATIONS AND AWWA C-651. THE UTILITIES INSPECTOR SHALL BE NOTIFIED 72-HOURS (MIN) PRIOR TO PERFORMING THESE TESTS. NO FINAL CONNECTION(S) TO EXISTING POTABLE WATER MAINS SHALL BE MADE UNTIL THE NEW MAIN IS PRESSURE TESTED, DISINFECTED AND CLEARED FOR SERVICE.
10. IN THE AREAS WHERE SOLVENT CONTAMINATION IS FOUND IN THE TRENCH, WORK SHALL BE STOPPED AND THE PROPER REGULATORY AUTHORITIES NOTIFIED. A REVISED CONSTRUCTION PLAN SHALL BE APPROVED BY LOCAL UTILITIES AND FDEP THAT COMPLIES WITH ALL REGULATORY RULES. THE REVISED CONSTRUCTION PLAN FOR THE WATER MAIN SYSTEM INCLUDING WATER SERVICE LINES MAY INVOLVE GALVANIZED OR DUCTILE IRON PIPE WITH SPECIAL SOLVENT RESISTANT (FLUOROCARBON TYPE) GASKETS THAT EXTEND 100' BEYOND THE CONTAMINATED AREAS.
11. THE CONTRACTOR SHALL MINIMIZE SERVICE INTERRUPTIONS TO EXISTING WATER AND WASTEWATER CUSTOMERS. IF LOCAL UTILITIES APPROVE A SERVICE INTERRUPTION, THEN THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING THE AFFECTED CUSTOMERS IN ACCORDANCE WITH THE LATEST LOCAL UTILITY RULES.
12. RESIDENTIAL SERVICES USING RECLAIMED WATER FOR IRRIGATION MUST HAVE AN APPROVED BACKFLOW PREVENTER INSTALLED ON EACH POTABLE WATER SERVICE PRIOR TO THE INSTALLATION OF A RECLAIMED WATER METER. THE INSTALLATION OF A BACKFLOW PREVENTER SHALL BE IN ACCORDANCE WITH THE RULES AND REGULATIONS FOR WATER, SEWER AND RECLAIMED WATER SERVICES, APPENDIX B, CROSS CONNECTION CONTROL POLICY.
13. FOR DEVELOPMENTS UTILIZING RECLAIMED WATER, A LOCAL UTILITIES APPROVED RECLAIMED WATER SIGNAGE PLAN SHALL BE IMPLEMENTED PRIOR TO THE INSTALLATION OF THE RECLAIMED WATER METERS.
14. BACKFLOW PREVENTERS MUST BE TESTED AFTER INSTALLATION BY A CERTIFIED TESTER AND ANNUALLY THEREAFTER.
15. BACKFLOW PREVENTERS ON FIRE LINES OR COMBINATION FIRE/POTABLE MAINS SHALL HAVE FREEZE PROTECTION.

GRADING AND DRAINAGE NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AT CONNECTION POINTS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. SEE GEOTECHNICAL REPORT FOR SITE PREPARATION REQUIREMENTS. REFERENCE TERRACON REPORT.
3. THE CONTRACTOR SHALL COORDINATE THE GRADING AND DRAINAGE CONSTRUCTION WITH ALL OTHER CONSTRUCTION.
4. CONTRACTOR SHALL FURNISH SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
5. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM WITH ALL CITY OF LAKE CITY STANDARDS.
6. THE CONTRACTOR SHALL STAKE THE STORM SEWER SYSTEM AND THE SANITARY SEWER SYSTEM AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS PRIOR TO INSTALLATION OF ANY PIPE.
7. THE EXISTING UTILITY FACILITIES AND LOCATIONS SHOWN ON THE DRAWINGS ARE TAKEN FROM READILY AVAILABLE INFORMATION. THE ACTUAL LOCATIONS OF THE UTILITY FACILITIES MAY VARY SOMEWHAT FROM THE LOCATIONS SHOWN AND THERE MAY BE UTILITY FACILITIES EXISTING THAT ARE NOT SHOWN OR INDICATED ON THE DRAWINGS. THE SITE UTILITY CONTRACTOR SHALL CONTACT SUNSHINE ONE CALL-1-800-432-4770 AT LEAST 48 HOURS PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL PROTECT ALL UTILITY FACILITIES AND REPAIR ANY DAMAGES RESULTING FROM THEIR WORK. IN CONFORMANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS AND RELOCATE IF REQUIRED AT NO COST TO THE OWNER.
8. ALL UNDERGROUND UTILITIES SHALL BE INSTALLED PRIOR TO PREPARATION OF SUBGRADE FOR PAVEMENT.
9. PAVEMENT SUBGRADE SHALL HAVE ALL UNSUITABLE MATERIAL REMOVED TO A DEPTH OF 3.0 FEET BELOW SUBGRADE AND 2.5 FEET BEYOND BACK OF CURB. BACKFILL WITH SUITABLE MATERIAL PER THE GEOTECHNICAL REPORT.
10. ANY UNSUITABLE MATERIAL ENCOUNTERED AND EXCESS SUITABLE FILL MATERIAL SHALL BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL UNSUITABLE MATERIAL AND REPLACEMENT WITH STRUCTURAL FILL. SEE GEOTECHNICAL REPORT.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUBGRADE, LIMEROCK AND ASPHALT TESTING AS REQUIRED BY THE PROJECT SPECIFICATIONS.
12. SLOPES OF NEW POND SHALL BE SODDED TO ONE FOOT (VERTICAL) BELOW NORMAL WATER LINE. ONE ROW OF SOD SHALL BE INSTALLED ALONG ALL EDGES OF PAVEMENT. ALL DISTURBED AREAS WHICH ARE NOT SODDED SHALL RECEIVE GRASS SEED, FERTILIZER AND MULCH. SEE LANDSCAPE PLANS FOR OTHER REQUIREMENTS.
13. STORMWATER COLLECTION SYSTEM DESIGN IS BASED ON THE 5-YEAR RETURN FREQUENCY STORM (RATIONAL METHOD). STORMWATER DETENTION POND HAS BEEN DESIGNED TO ATTENUATE PEAK FLOWS FROM THE 25-YEAR RETURN FREQUENCY STORM. (SCS METHOD).
14. ALL RCP PIPE SHALL MEET THE REQUIREMENTS OF ASTM C-76 AND SHALL BE CLASS III, WALL B.
15. ALL PIPE LENGTHS ARE APPROXIMATE AND MEASURED TO THE CENTER OF STRUCTURE OR MITERED END SECTION. ACTUAL LENGTHS MAY VARY.
16. DO NOT SCALE THESE DRAWINGS. USE DIMENSIONS ONLY.
17. A QUALIFIED SOILS LABORATORY SHALL BE ON SITE DURING EXCAVATING TO DETERMINE THE SUITABILITY OF THE EXISTING SUB-GRADE AND EXISTING ON-SITE MATERIAL PRIOR TO BEGINNING ANY FILLING OPERATION.
18. GRADING CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING, OR BY OTHER METHODS AS DIRECTED BY ENGINEER AND/OR OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
19. CONTRACTOR TO COORDINATE ALL WORK WITH OTHER UTILITY INSTALLATIONS NOT COVERED IN THESE PLANS (ELECTRIC, TELEPHONE, GAS, CABLE, ETC) AND ALLOW FOR THEIR OPERATIONS AND CONSTRUCTION TO BE PERFORMED.
20. CUT AND FILL SLOPES ARE NOT TO EXCEED 4:1 UNLESS OTHERWISE NOTED.
21. CONTRACTOR SHALL REPAIR OR REPLACE IN-KIND ANY DAMAGE THAT OCCURS AS RESULT OF HIS WORK.
22. ALL SOILS TEST REPORTS TO BE SUBMITTED TO PROJECT MANAGER.
23. FOR ALL TRENCH EXCAVATIONS WHICH EXCEED FIVE FEET (UTILITIES AND STORM), THE FOLLOWING MUST BE ADHERED TO:
A. CONTRACTOR MUST FOLLOW OSHA STANDARD 29 CFR, SECTION 1926.650 SUBPART P, WHICH IS NOW A PART OF LAWS OF FLORIDA CHAPTER 90-96.
B. THE CONTRACTOR SHALL PROVIDE WRITTEN ASSURANCE OF COMPLIANCE WITH THIS LAW.
C. A SEPARATE PRICE ITEM SHALL BE INCLUDED IN THEIR BASE BID IDENTIFYING THE COST OF COMPLIANCE
D. A TRENCH SAFETY SYSTEM SHALL BE DESIGNED BY THE CONTRACTOR.
24. THE CONTRACTOR SHALL COORDINATE CONNECTION WITH SITE PIPING AND BUILDING PIPING.
25. ALL AREAS SHOWN TO BE FILLED SHALL BE CLEARED AND GRUBBED IN ACCORDANCE WITH CITY STANDARDS AND SHALL BE FILLED WITH CLEAN STRUCTURAL FILL COMPACTED AND TESTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
26. ALL DEBRIS RESULTING FROM ALL ACTIVITIES SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR.
27. ALL EXISTING TREES TO REMAIN SHALL BE PROTECTED AND PRESERVED.
28. BURNING OF TREES, BRUSH AND OTHER MATERIAL SHALL BE APPROVED, PERMITTED AND COORDINATED WITH THE CITY OF JACKSONVILLE FIRE MARSHALL BY THE CONTRACTOR.
29. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER AND THE CITY, IF REQUIRED, ON ALL MATERIALS, FOR REVIEW AND APPROVAL, PRIOR TO PURCHASE OR FABRICATION OF ANY UTILITY PIPE OR STRUCTURE.
30. ALL PIPE LENGTHS ARE SCALED DIMENSIONS. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED TO CONFORM TO CITY REQUIREMENTS AND SHALL BE CONSTRUCTED TO CONFORM TO CURBING, PROPERTY LINES AND LOW POINTS AS SHOWN ON PLANS.
31. CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEAN AND FUNCTIONING PROPERLY AT TIME OF ACCEPTANCE.
32. ALL DRAINAGE PIPE JOINTS IN CITY DRAINAGE EASEMENTS AND DRAINAGE RIGHT-OF-WAYS ARE TO BE FILTER-WRAPPED.
33. ALL INVERTS IN DRAINAGE STRUCTURES TO BE PRECAST OR BRICK WITH LAYER OF MORTAR BETWEEN EACH LAYER OF BRICK, OR REDDI-MIX CONCRETE WITH #57 STONE.
34. THE CONTRACTOR SHALL RESTORE ALL CULVERTS, HEADWALLS AND STORM DRAIN INLETS REMOVED OR DISTURBED BY THE CONSTRUCTION OPERATION. THE COST OF THESE ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR FURNISHING AND INSTALLING ANY NEW ITEM CAUSING SUCH DAMAGE.
35. LANDSCAPE ISLANDS SHALL HAVE A FACE OF CURB RADIUS OF 4.5' UNLESS OTHERWISE NOTED.

AS-BUILT REQUIREMENTS

CONTRACTOR SHALL PROVIDE COMPLETE AS-BUILT INFORMATION TO THE PROJECT ENGINEER IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:

1. AS-BUILT DRAWINGS SHALL BE PREPARED IN AUTOCAD FORMAT BY A REGISTERED LAND SURVEYOR. ONE SET OF SIGNED AS-BUILTS AND A COMPUTER DISK OF THE PROJECT AS-BUILTS IN .PDF FORM SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. SIGNED AND SEALED PRINTS SHALL BE PROVIDED TO THE ENGINEER AS REQUESTED.
2. AS-BUILT DRAWINGS SHALL BE IN ACCORDANCE WITH ALL AUTHORITIES HAVING JURISDICTION. CONTRACTOR SHALL COORDINATE AS-BUILT SUBMITTALS AND APPROVALS WITH JURISDICTIONAL AGENCIES UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER.
3. PROVIDE BUILDING LOCATIONS, FINISH FLOOR ELEVATIONS, PAVEMENT GRADES AND ALL UNDERGROUND FACILITIES.
4. PROVIDE PERIMETER DIMENSIONS AT TOP OF BANK AND AT BOTTOM OF POND. PROVIDE ELEVATIONS AT TOP OF BANK AND BOTTOM OF POND.
6. PROVIDE SPECIAL DETAIL DRAWINGS WHERE INSTALLATIONS WERE NOT AS SHOWN ON CONTRACT DRAWINGS DUE TO FIELD CONDITIONS OR WHERE REQUIRED FOR CLARITY.
7. PROVIDE LOCATION, ELEVATION AND DESCRIPTION OF BENCHMARK(S).
8. LOCATE AND PROVIDE ELEVATIONS OF ALL STRUCTURES. LOCATION OF ALL STRUCTURES SHALL BE FROM TWO (2) DIRECTIONS.
9. LOCATE ALL PIPES AND PROVIDE SIZE, ELEVATION, INVERT ELEVATIONS, LENGTH AND TYPE.
10. PROVIDE DIMENSIONS AND ELEVATIONS OF THE POND OUTFALL STRUCTURE(S).
11. WATER AS-BUILTS SHALL INDICATE THE LOCATION OF BACTERIOLOGICAL SAMPLE POINTS. SAMPLE POINTS SHALL BE INDICATED IN RED OR PINK.
12. THE AS-BUILTS SHALL INCLUDE A DETAIL OF EVERY CROSSING OF THE NEW WATER MAIN WITH GRAVITY SEWERS, FORCE MAINS AND STORM PIPES CLEARLY SHOWN & INDICATING THE VERTICAL CLEARANCES AT EACH CROSSING. DETAILS SHALL BE FURNISHED FOR PARALLEL RUNS WHERE THE HORIZONTAL SEPARATION IS LESS THAN 10 FEET.
13. THE CENTERING OF UNCUT LENGTHS OF PIPE AT POINTS OF CROSSING SHALL BE DOCUMENTED ON THE AS-BUILTS AND ALL MITIGATING CONSTRUCTION MEASURES CLEARLY DEPICTED IN CASES WHERE A MINIMUM OF 18" OF VERTICAL CLEARANCE BETWEEN THE WATER AND SEWER (INCLUDING STORM) LINES IS NOT POSSIBLE.

SANITARY SEWER NOTES:

1. THE CONTRACTOR SHALL OBTAIN ALL PERMITS TO COMPLETE THE CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF SEWER FACILITIES WITH ALL OTHER CONSTRUCTION.
3. CONTRACTOR SHALL FURNISH SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL BEFORE BEGINNING CONSTRUCTION.
4. ALL GRAVITY SEWER CONSTRUCTION SHALL CONFORM TO THE LATEST LOCAL UTILITY AND CITY OF LAKE CITY STANDARDS AND SPECIFICATIONS.
5. THE EXISTING UTILITY FACILITIES AND LOCATIONS SHOWN ON THE DRAWINGS ARE TAKEN FROM READILY AVAILABLE INFORMATION. THE ACTUAL LOCATIONS OF THE UTILITY FACILITIES MAY VARY SOMEWHAT FROM THE LOCATIONS SHOWN AND THERE MAY BE UTILITY FACILITIES EXISTING THAT ARE NOT SHOWN OR INDICATED ON THE DRAWINGS. THE SITE UTILITY CONTRACTOR SHALL CONTACT ALL AGENCIES WITH UTILITY FACILITIES IN THE VICINITY OF THE WORK AND SHALL LOCATE ALL UNDERGROUND FACILITIES BEFORE BEGINNING WORK. THE CONTRACTOR SHALL PROTECT ALL UTILITY FACILITIES AND REPAIR ANY DAMAGES RESULTING FROM THEIR WORK IN CONFORMANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS AND RELOCATE IF REQUIRED AT NO COST TO THE OWNER.
6. THE CONTRACTOR SHALL STAKE THE SANITARY SEWER SYSTEM AND THE STORM SEWER SYSTEM AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS PRIOR TO INSTALLATION OF ANY PIPE.
7. MANHOLES SHALL BE IN CONFORMANCE WITH LOCAL UTILITY STANDARDS.
8. GRAVITY SEWER MINIMUM SLOPE SHALL BE 0.4%.
9. TYPE B BEDDING SHALL BE USED FOR THIS PROJECT UNLESS INDICATED OTHERWISE ON THE DRAWINGS OR DIRECTED BY THE ENGINEER.
10. BACKFILLING SHALL BE MADE WITH CLEAN BACKFILL WHICH SHALL BE THOROUGHLY COMPACTED IN 6" LIFTS. COMPACTION SHALL BE A MINIMUM OF 95% MAX DENSITY AT +/- 2% OF THE MODIFIED PROCTOR OPTIMUM MOISTURE CONTENT.
11. UNSUITABLE MATERIALS UNDER SEWER PIPE SHALL BE REMOVED AND REPLACED WITH SELECTED BACKFILL PROPERLY COMPACTED. THE MATERIAL SHOULD EXHIBIT MOISTURE CONTENTS WITHIN +/- 2 PERCENT OF THE MODIFIED PROCTOR OPTIMUM MOISTURE CONTENT (ASTM D1557) DURING THE COMPACTION OPERATIONS. COMPACTION SHOULD CONTINUE UNTIL DENSITIES OF AT LEAST 95 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557) HAVE BEEN ACHIEVED.
12. CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY A MINIMUM OF TWO DAYS PRIOR TO CONNECTION OF FORCE MAIN TO THE EXISTING LINE. ALL NEW WORK MUST BE INSPECTED BY THE ENGINEER. NO TESTS SHALL BE SCHEDULED FOR WEEKENDS. ANY CHANGE FROM THE TECHNICAL REQUIREMENTS MUST BE REVIEWED AND APPROVED BY THE ENGINEER AND OWNER.
13. LATERAL SEPARATION OF AT LEAST 10 FEET SHALL BE MAINTAINED BETWEEN WATER AND SEWER LINES. WHERE VERTICAL SEPARATION IS LESS THAN 18", SEWER LINES SHALL BE ENCASED IN CONCRETE OR CAST IRON PIPE USED IN LIEU OF PVC PIPE FOR A DISTANCE OF 10 FEET ON EITHER SIDE OF CROSSING.
14. ALL SEWER CONSTRUCTION SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR LICENSED UNDER CHAPTER 489 F.S.
15. ALL PIPE LENGTHS ARE HORIZONTAL DISTANCES AND ARE APPROXIMATE.
16. ALL SANITARY SEWER MAINS SHALL TERMINATE APPROXIMATELY 5 FEET OUTSIDE THE BUILDING UNLESS OTHERWISE NOTED. THE END OF THESE SERVICE LINES SHALL BE TIGHTLY PLUGGED OR CAPPED AND MARKED UNTIL SUCH TIME AS CONNECTION IS MADE INSIDE THE BUILDING.
17. THE CONTRACTOR SHALL PERFORM A TELEVISION INSPECTION OF THE SEWER SYSTEM. TWO FULL REPORTS, INCLUDING VIDEO TAPE, SHALL INDICATE CONDITIONS OF THE PIPE, LOCATION, TYPE OF PIPE, DIAMETER, LOCATION OF SERVICES, TYPE OF JOINT, DISTANCE BETWEEN MANHOLES AND ANY IRREGULARITIES IN THE PIPELINE. THE TELEVISION INSPECTION SHALL INCLUDE A DEFLECTION TEST WITH A 5% MANDREL. THE SEWER LINES SHALL BE LAMPED AS PART OF THE FINAL INSPECTION.
18. THE CONTRACTOR SHALL COORDINATE THE LOCATION, SIZE AND INVERT ELEVATIONS OF SANITARY SEWER SERVICES WITH THE APPROVED PLUMBING PLANS FOR THE BUILDING.
19. CONTRACTOR SHALL PROVIDE, TO THE ENGINEER, A SCHEDULE OF INVERT ELEVATIONS OF ALL SANITARY MANHOLES PRIOR TO THE PLACEMENT OF THE LIMEROCK BASE COURSE. THIS SCHEDULE IS TO BE PROVIDED BY THE REGISTERED LAND SURVEYOR SUBMITTING THE "AS-BUILT" DRAWINGS FOR THIS PROJECT.
20. CONTRACTOR SHALL PROVIDE TO THE ENGINEER A SCHEDULE OF INVERT ELEVATIONS OF ALL SANITARY MANHOLES PRIOR TO PLACEMENT OF THE LIMEROCK BASE COURSE. THIS SCHEDULE TO BE PROVIDED BY THE REGISTERED LAND SURVEYOR SUBMITTING THE AS-BUILT DRAWINGS FOR THIS PROJECT.
21. ALL SEWER MAINS SHALL BE PVC (ASTM-3034) SDR-26 FOR DEPTHS TO 12 FEET, SDR-26 FOR DEPTHS 12' OR DEEPER, OR IN EASEMENTS UNLESS OTHERWISE NOTED. FORCEMAINS TO BE PVC - DR 18 PIPE UNLESS OTHER-WISE NOTED. MINIMUM SLOPE SHALL BE 0.4%

NOTICE OF PROCEDURE:

THE WATER TAPS DEPICTED ON THESE DESIGN PLANS SHALL BE CONSTRUCTED AS FOLLOWS: ALL POTABLE AND IRRIGATION WATER MAIN TAPS, FIRE LINE SERVICES AND FIRE HYDRANT INSTALLATIONS SHALL BE PERFORMED BY A LICENSED MASTER PLUMBER OR UNDERGROUND UTILITY CONTRACTOR UNDER THE FOLLOWING SPECIAL CONDITIONS:

1. THE TAPS ARE TO BE SCHEDULED 48 HOURS IN ADVANCE. CONTACT YOUR LOCAL UTILITY INSPECTOR.
2. TAPS REQUIRING METER INSTALLATIONS OF SIZE 2" AND BELOW MUST INCLUDE THE SERVICE PIPE, METER BOX, AND CORP. STOP SIZED READY TO ACCEPT THE METER INSTALLATION BY LOCAL UTILITY FORCES.
3. LOCAL UTILITY FORCES WILL INSTALL THE METER UPON APPLICATION AND PAYMENT BY LICENSED MASTER PLUMBER OR UTILITY CONTRACTOR.
4. ALL TAPS REQUIRING METER INSTALLATIONS OF SIZE 3" AND ABOVE SHALL TERMINATE SIZED READY FOR VAULT, METER AND BYPASS INSTALLATION BY LOCAL UTILITY FORCES.

WATER AND SEWER CAPACITY FEES SHALL BE REQUIRED AT TIME OF METER APPLICATION. FEES WILL BE BASED ON TOTAL NUMBER OF PLUMBING FIXTURE UNITS SHOWN OR LISTED ON BUILDING PLANS.

ALL WATER AND SEWER CONSTRUCTION MATERIALS TO BE CONSTRUCTED IN CITY RIGHT-OF-WAY OR LOCAL UTILITY EASEMENT MUST BE IN CONFORMANCE WITH THE LOCAL UTILITY APPROVED MATERIALS MANUAL FOR WATER AND SEWER.

METER TO BE INSTALLED BY LOCAL UTILITY. WATER AND SEWER FORCES UPON APPLICATION AND PAYMENT BY LICENSED MASTER PLUMBER OR UTILITY CONTRACTOR.

ALL WATER MAINS SHALL BE PRESSURE TESTED AT 150 PSI FOR 2 HOURS AND FORCE MAINS SHALL BE TESTED AT 100 PSI FOR 2 HOURS IN ACCORDANCE WITH SECTION "A" OF AWWA STANDARD C600 WITH LEAKAGE LIMITED TO THAT DETERMINED BY THE APPROPRIATE FORMULA.

DISINFECTION OF THE WATER MAIN SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C651. MECHANICAL JOINT RESTRAINTS SHALL CONFORM TO AWWA STANDARD C509.

ALL ONSITE PRIVATE WATER AND SEWER CONSTRUCTION AND MATERIALS SHALL CONFORM TO CURRENT LOCAL UTILITY AND FDEP STANDARDS AND SPECIFICATIONS.

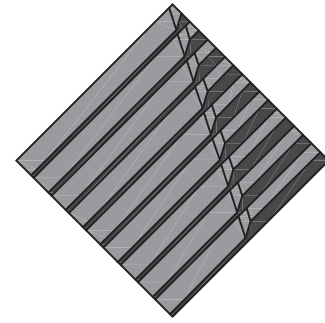
SHOP DRAWINGS ON ALL BACKFLOW PREVENTORS SHALL BE SUBMITTED TO LOCAL UTILITY FOR APPROVAL PRIOR TO INSTALLATION.

NOTES:

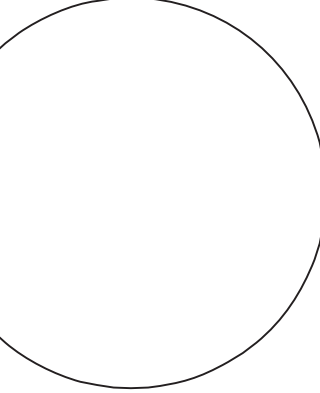
- 1) GENERAL CONTRACTOR & SITE CONTRACTOR SHALL REVIEW THE SITE ENGINEERING DOCUMENTS, ARCHITECTURAL PLANS & COORDINATE W/ THE FOLLOWING:
A) PLUMBING PLANS W/ RESPECT TO LATERAL LOCATIONS, INVERTS, & WATER SERVICE CONNECTION POINTS
ANY DISCREPANCY SHALL BE REPORTED IMMEDIATELY TO THE DESIGN PROFESSIONAL PRIOR TO ANY INSTALLATION. FAILURE TO COORDINATE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR & THE SITE CONTRACTOR.
- 2) COORDINATE W/ PLUMBING PLANS
- 3) CONTRACTOR TO VERIFY LOCATION OF WATER MAIN & SEWER MAIN LOCATION ON PLANS IS ESTIMATED FROM LOCAL UTILITY AVAILABILITY. CONTRACTOR TO VERIFY LOCATION OF BOTH MAINS BEFORE BEGINNING CONSTRUCTION AND NOTIFY ENGINEER IMMEDIATELY IF LOCATION SIGNIFICANTLY DIFFERS FROM PLANS.
- 4) CONTRACTOR TO COORDINATE LOCATION OF ALL ENTRY & EXIT POINTS FROM THE STRUCTURE(S) SHOWN ON ENGINEERING PLANS WITH ARCHITECTURAL PLANS

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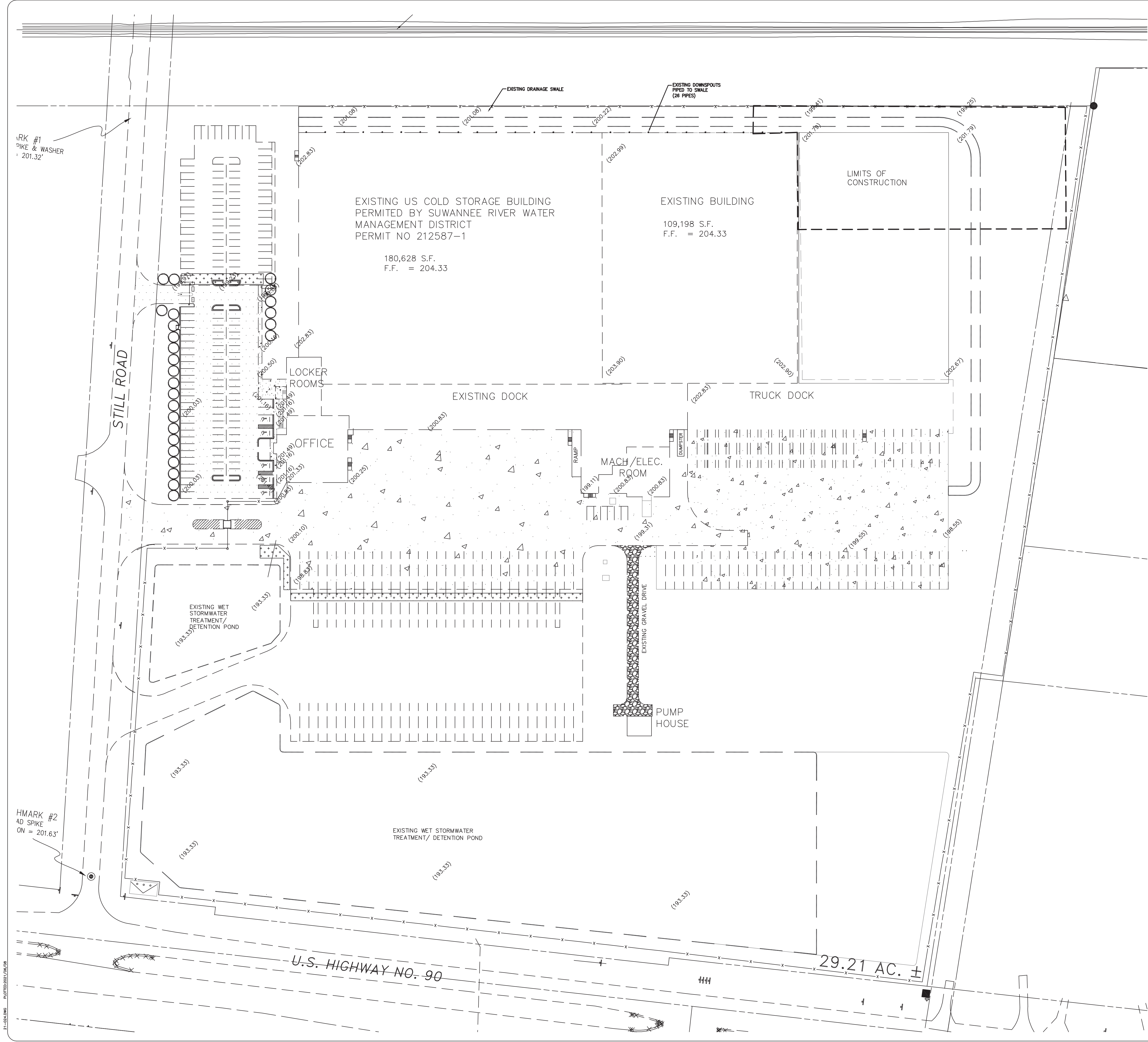
US COLD STORAGE

GENERAL NOTES

FLORIDA
COLUMBIA COUNTY

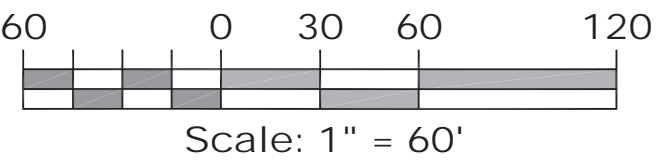
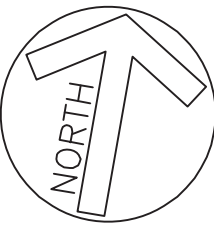
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Designer:	HAV
Job #:	21-024
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LEGEND	
---	PROJECT LIMITS

NOTE
SPOT ELEVATIONS CONVERTED FROM NGVD29 TO NAVD88 USING A CONVERSION FACTOR OF (+) .83 PROVIDED BY CONTRACTOR.



PRELIMINARY NOT FOR CONSTRUCTION

US COLD STORAGE

EXISTING CONDITIONS

COLUMBIA COUNTYFLORIDA

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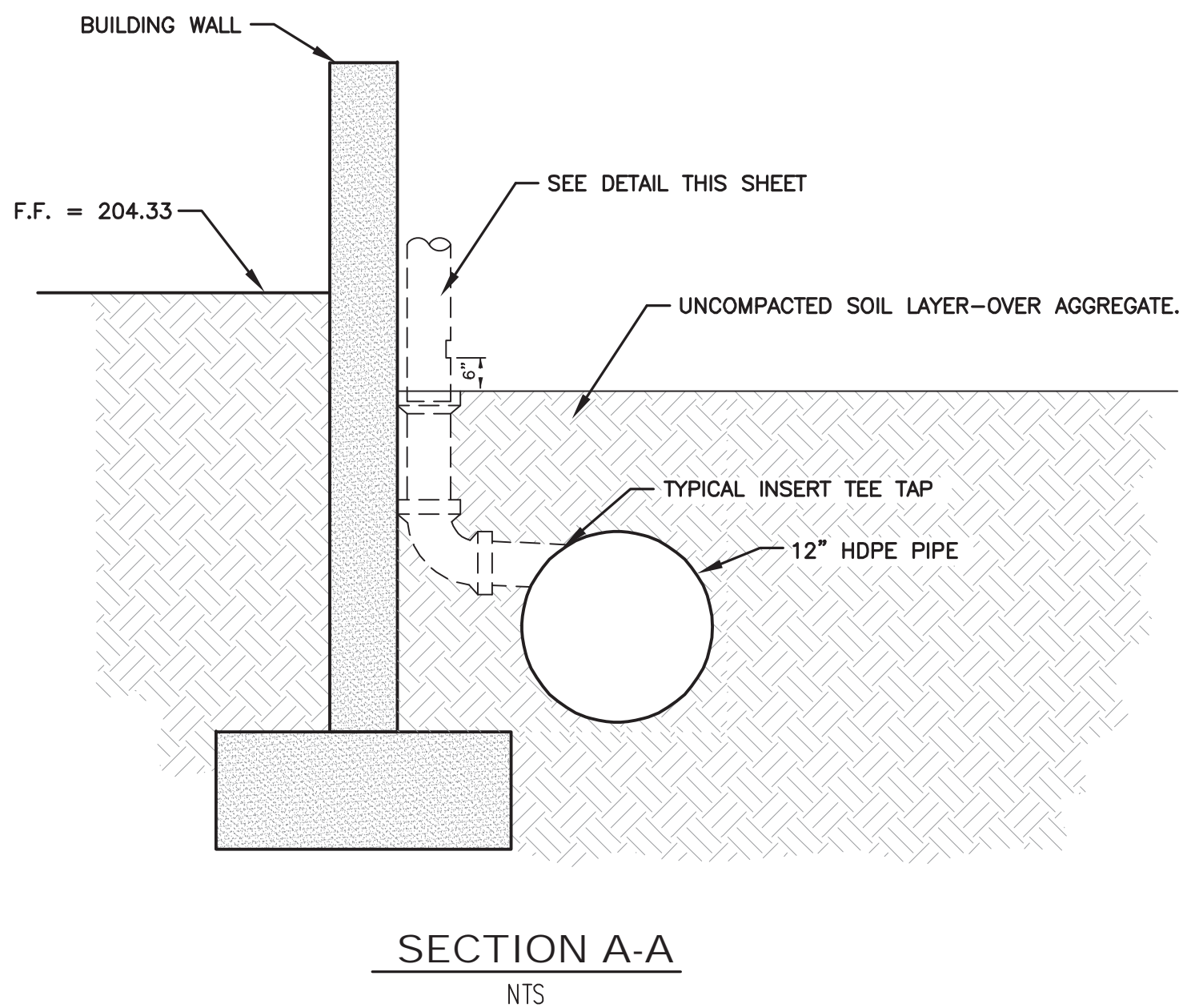
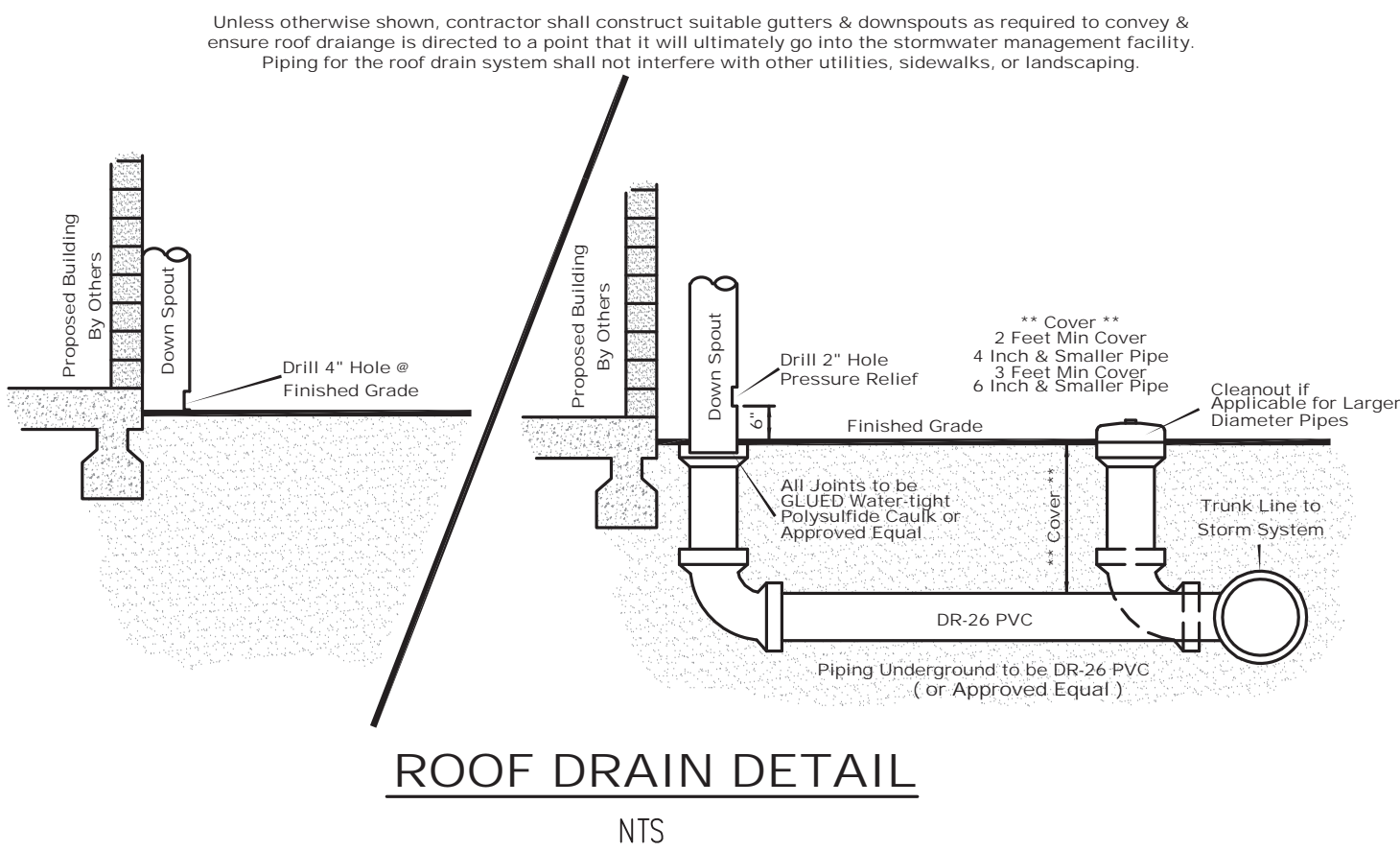
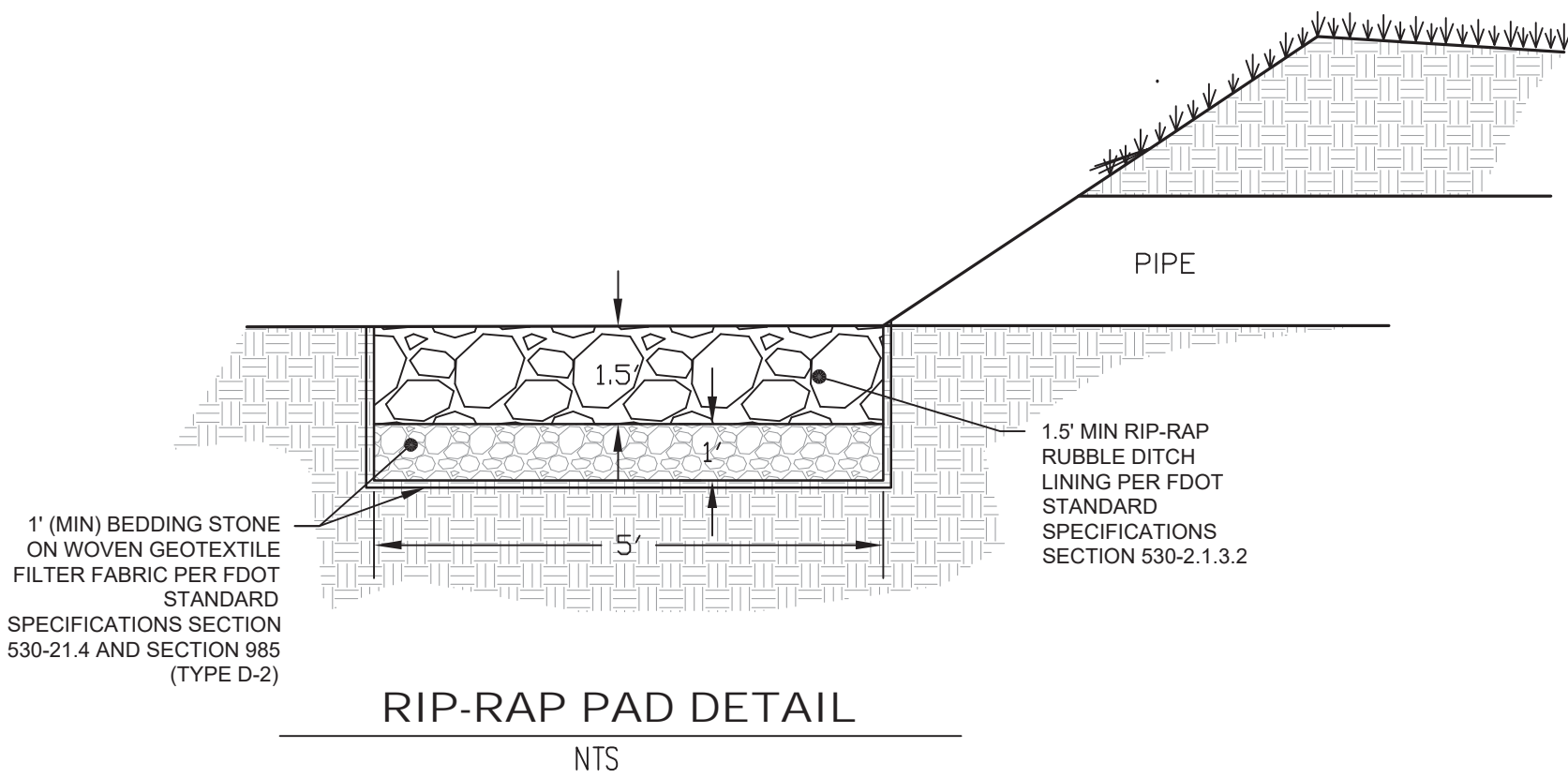
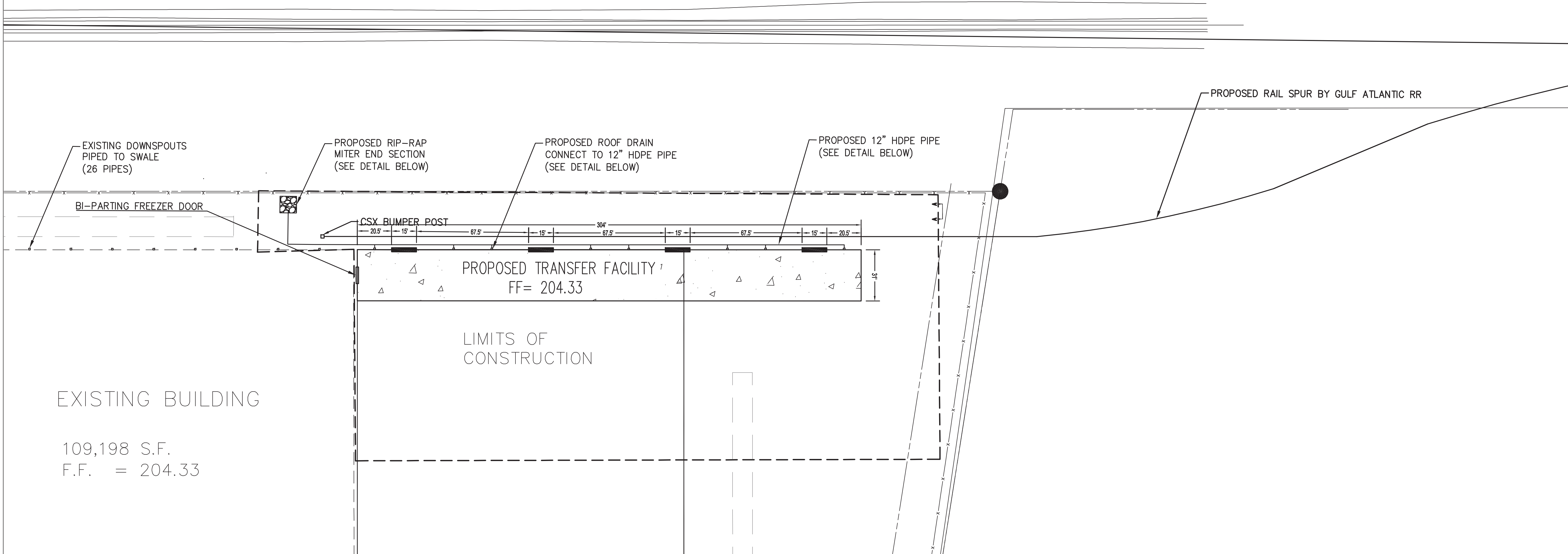
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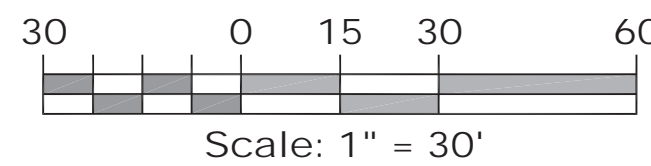
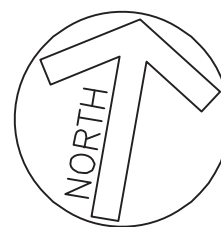
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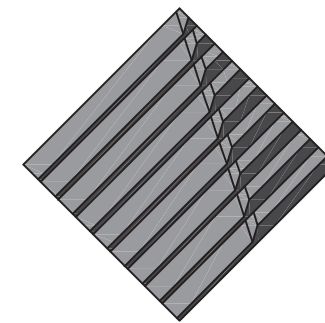


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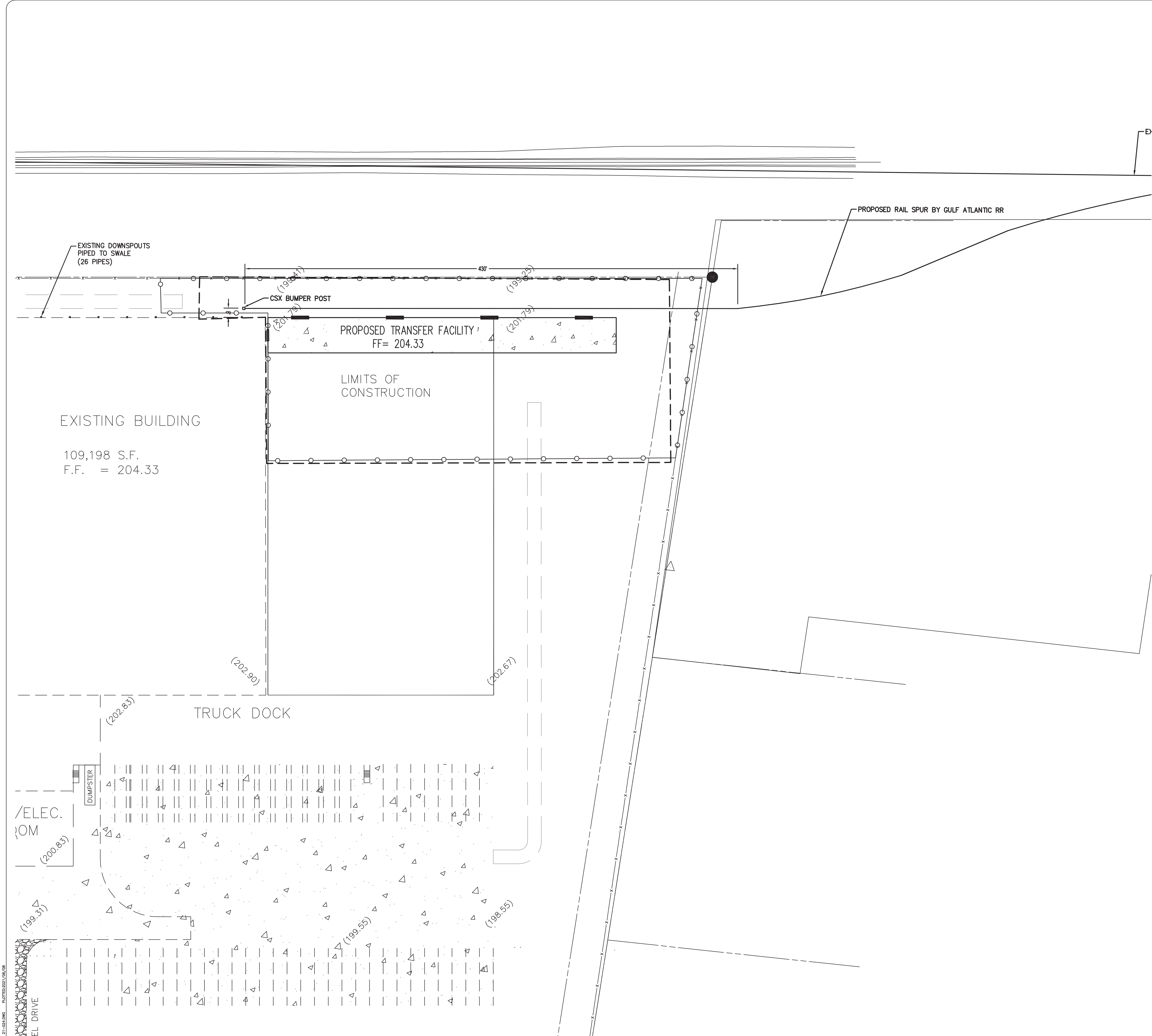
US COLD STORAGE

SITE PLAN

FLORIDA

COLUMBIA COUNTY

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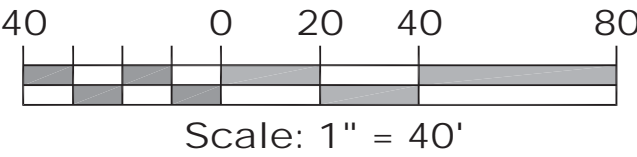
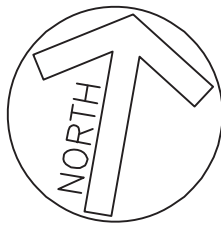
SOIL COMPACTION NOTES

1. COMPACT THE EXPOSED SURFACE OF THE POND BANKS UNTIL THE UPPER ONE FOOT OF SOILS BELOW THE EXPOSED SURFACE ARE IMPROVED TO ACHIEVE A MINIMUM COMPACTION REQUIREMENT OF 95% OF THE MODIFIED PROCTOR TEST (ASTM D 1557). COMPACTION OF THE POND BANKS SHOULD BE PERFORMED TO AT LEAST NORMAL WATER LEVEL OF THE PONDS. THE UPPER ONE FOOT OF SOILS BELOW THE EXPOSED SURFACE (AFTER STRIPPING/GRUBBING) WITHIN THE AREA OF THE PROPOSED POND BERMS SHOULD ALSO BE COMPACTED UNTIL IMPROVED TO A DENSITY OF 95% OF ASTM D 1557. SHOULD THE SOILS EXPERIENCE PUMPING AND SOIL STRENGTH LOSS DURING THE COMPACTION OPERATIONS, COMPACTION WORK SHOULD BE IMMEDIATELY TERMINATED AND (1) THE DISTURBED SOILS REMOVED AND BACKFILLED WITH DRY STRUCTURAL FILL SOILS WHICH ARE THEN COMPACTED, OR (2) THE EXCESS MOISTURE CONTENT WITHIN THE DISTURBED SOILS ALLOWED TO DISSIPATE BEFORE RECOMPACTING.
2. TEST THE COMPACTED SURFACE FOR DENSITY AT A MINIMUM OF 10 LOCATIONS PER POND.
3. STRUCTURAL FILL AND BACKFILL THAT IS REQUIRED FOR POND CONSTRUCTION AND POND BERM CONSTRUCTION SHOULD BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8 INCHES AND COMPACTED UNTIL FINISHED GRADE IS ACHIEVED. STRUCTURAL FILL AND BACKFILL IS TYPICALLY DEFINED AS NON-PLASTIC, INORGANIC, GRANULAR SOIL HAVING LESS THAN 10 PERCENT MATERIAL PASSING THE NO. 200 MESH SIEVE AND CONTAINING LESS THAN 4 PERCENT ORGANIC MATERIAL. TYPICALLY, THE MATERIAL SHOULD EXHIBIT MOISTURE CONTENTS WITHIN 2 PERCENT OF THE MODIFIED PROCTOR OPTIMUM MOISTURE CONTENT (ASTM D 1557) DURING THE COMPACTION OPERATIONS. COMPACTION SHOULD CONTINUE UNTIL DENSITIES OF AT LEAST 95 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D 1557) HAVE BEEN ACHIEVED WITHIN EACH LIFT OF THE COMPACTED STRUCTURAL FILL. PERFORM DENSITY TESTS WITHIN EACH LIFT OF FILL AT A MINIMUM OF 10 LOCATIONS PER POND.
- 4.

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	PROJECT LIMITS
	SILT FENCE

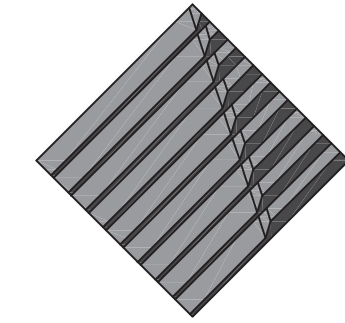
NOTE

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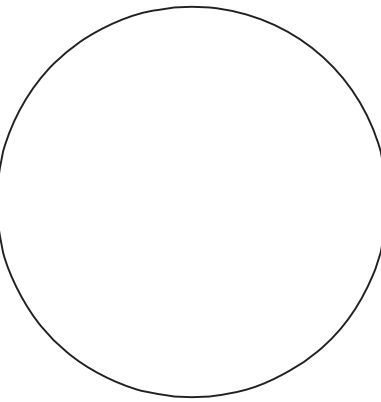


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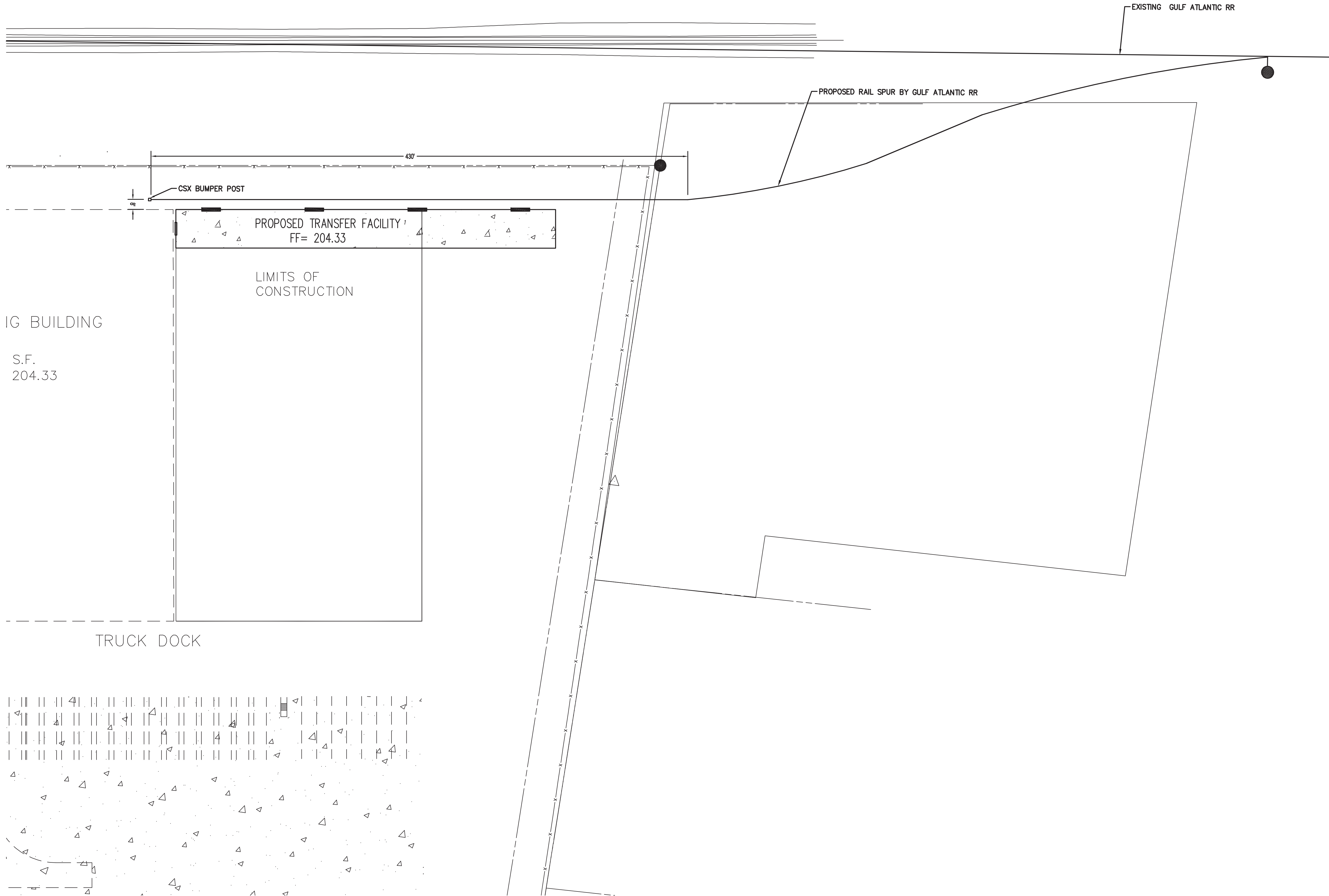
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US COLD STORAGE
GRADING PLAN
COLUMBIA COUNTY
FLORIDA

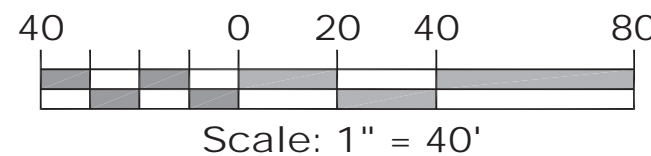
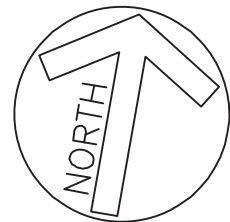
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IG BUILDING
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US COLD STORAGE
TRACK LAYOUT
COLUMBIA COUNTY
FLORIDA

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EROSION AND SEDIMENT CONTROL NOTES

1. THE ENVIRONMENTAL PROTECTION AGENCY (EPA) HAS ISSUED TO FLORIDA A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR CERTAIN STORMWATER DISCHARGES. THIS NPDES PROGRAM REQUIRES THAT IF THE MAGITUDE OF CONSTRUCTION SCTIVITIES COVERED BY THE GENERAL PERMIT ARE ABOVE CERTAIN THRESHOLDS, THEN A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED. ALSO INVOLVED ARE CERTAIN CERTIFICATION, NOTIFICATION, INSPECTION AND RECORD KEEPING IN ACCORDANCE WITH THE EPA PUBLICATION EPA 832-R-92-005 DATED SEPT., 1992 & TITLED "STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES-DEVELOPING POLLUTION PREVENTION PLANS & BEST MANAGEMENT PRACTICES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE IF THIS PROJECT REQUIRES AN NPDES APPLICATION AND NOTIFICATION AND, IF NECESSARY, PREPARE, SUBMIT AND MAINTAIN THE REQUIRED DOCUMENTATION IN COMPLIANCE WITH THE EPA GUIDELINES AND CRITERIA.

2. THESE PLANS INDICATE THE MINIMUM EROSION AND SEDIMENT CONTROL MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.

3. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS, AND THE ST. JOHNS RIVER MANAGEMENT DISTRICT PERMIT AND REGULATIONS. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE ST. JOHNS RIVER MANAGEMENT DISTRICT.

4. ALL EXCAVATIONS AND EARTHWORK SHALL BE DONE IN A MANNER TO MINIMIZE WATER TURBIDITY AND POLLUTION. DISCHARGE SHALL BE CONTROLLED AND REROUTED THROUGH HAY FILTERS, SILTATION DIAPERS AND SUMPS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION, CORRECTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION IN ACCORDANCE WITH CHAPTER 17-3, FLORIDA ADMINISTRATIVE CODE. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "FLORIDA DEVELOPEMENT MANUAL – A GUIDE TO SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, CHAPTER 6.

5. THE CONTRACTOR SHALL PAY FOR ANY WATER QUALITY CONTROL VIOLATIONS FROM ANY AGENCY THAT RESULTS IN FINES BEING ASSESSED TO THE OWNER BECAUSE OF THE CONTRACTOR'S FAILURE TO ELIMINATE TURBID RUNOFF FROM LEAVING THE SITE AND RAISING BACKGROUND LEVELS. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER

6. QUALITY DEGRADATION.

7. ADDITIONAL PROTECTION – ON SITE PROTECTION, AS MAY BE DEEMED NECESSARY DURING CONSTRUCTION SHALL BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNFORSEEN CONDITIONS OR ACCIDENTS,

8. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, THE STRIPS SHALL BE OVERLAPPED. FDOT NO. 1 COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH. THE DEPTH OF STONE SHALL BE AT LEAST 12 INCHES OVER THE ENTIRE INLET OPENING. THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.

9. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.

10. BALES SHALL BE PLACED LENGTHWISE IN SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.

11. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 8 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. LOOSE FIBER SHOULD BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.

12. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS AND SHALL BE MAINTAINED UNTIL COMPLETION OF ALL CONSTRUCTION ACTIVITY.

13. CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC., ARE CLEANED OUT AND WORKING PROPERLY AT ALL TIMES AND THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND REPAIRS, AS NEEDED, SHALL BE MADE IMMEDIATELY.

14. ANY DISCHARGE FROM A DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND THE TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.

15. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

16. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.

17. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ANY SEDIMENT THAT LEAVES THE SITE AND CHANGES ANY DOWNSTREAM CONDITIONS BY RAISING CHANNEL BOTTOMS AND/OR CLOGGING OUTFALL CULVERTS.

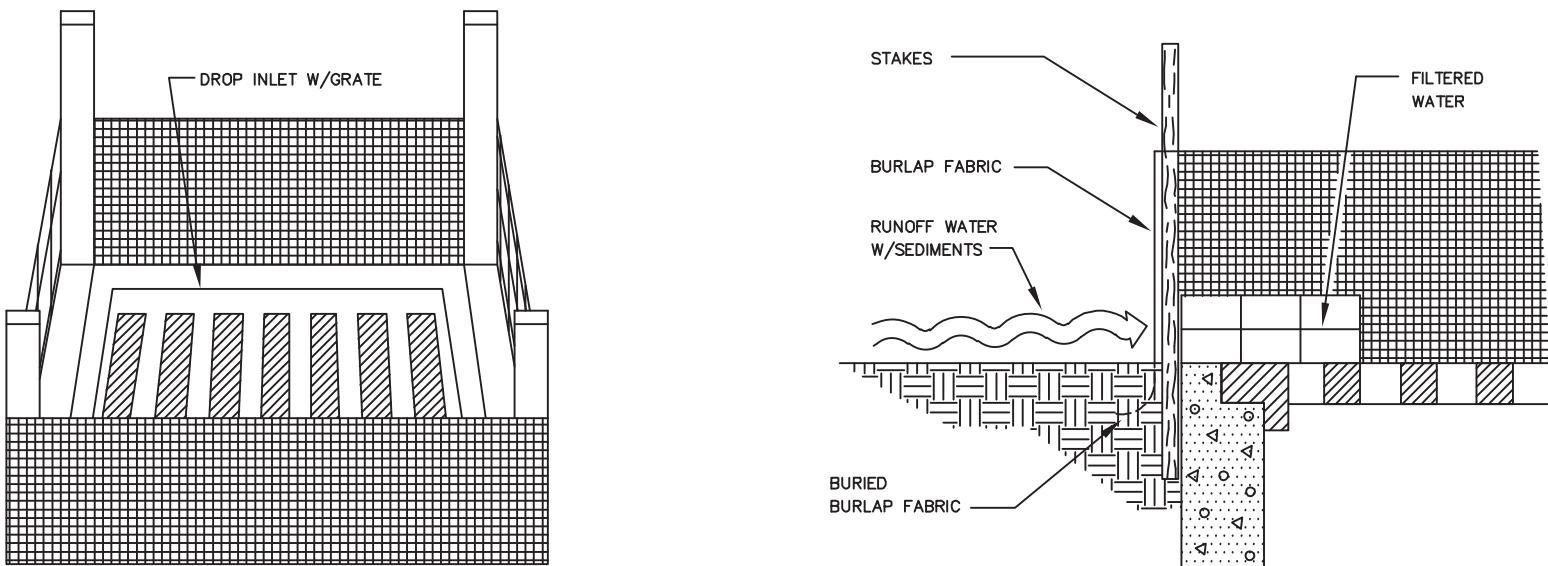
18. SEDIMENT DEPOSITS TO BE REMOVED AFTER EACH RAINFALL AND REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT ON THE BARRIER. SEDIMENT TRAPS TO BE RESTORED TO THIER ORIGINAL DIMENSIONS BY REMOVING THE SEDIMENT WHEN IT HAS ACCUMULATED TO ONE-THIRD THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT TO BE DEPOSITED IN A SUITABLE AREA AND MANNER THAT IT WILL NOT ERODE.

19. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE, SYNTHETIC BALE OR FILTER BARRIER IS NO LONGER REQUIRED OR AFTER COMPLETION OF CONSTRUCTION SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.

20. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED. ALL DEWATERING, EROSION AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED.

21. ALL DISTURBED AREAS SHALL BE STABILIZED THROUGH COMPACTION, GRASSING AND SODDING. THE GRASS/SODDING SHALL BE MAINTAINED UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED. ALL FILL SLOPES 4:1 OR GREATER TO RECEIVE STAKED SOLID SOD.

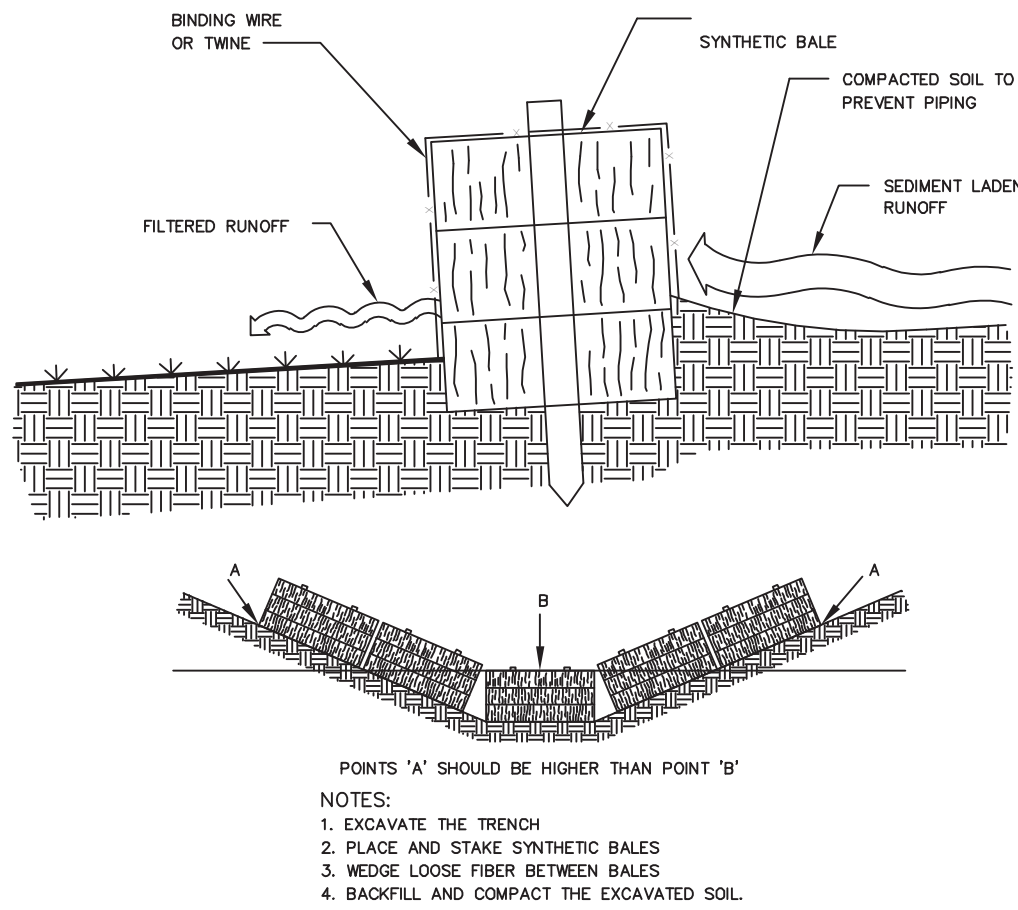
ONLY SYNTHETIC BALES TO BE USED (TYP)



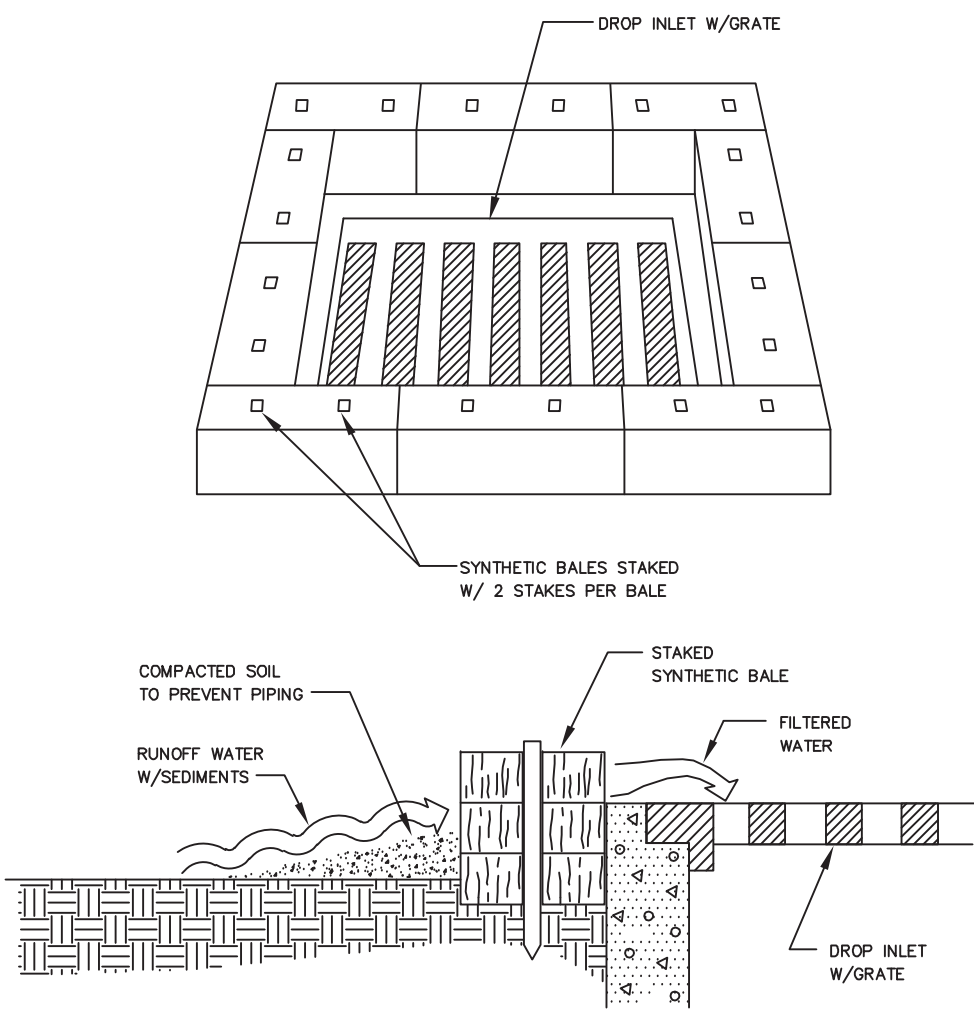
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5%) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLET'S RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

BURLAP DROP INLET SEDIMENT FILTER



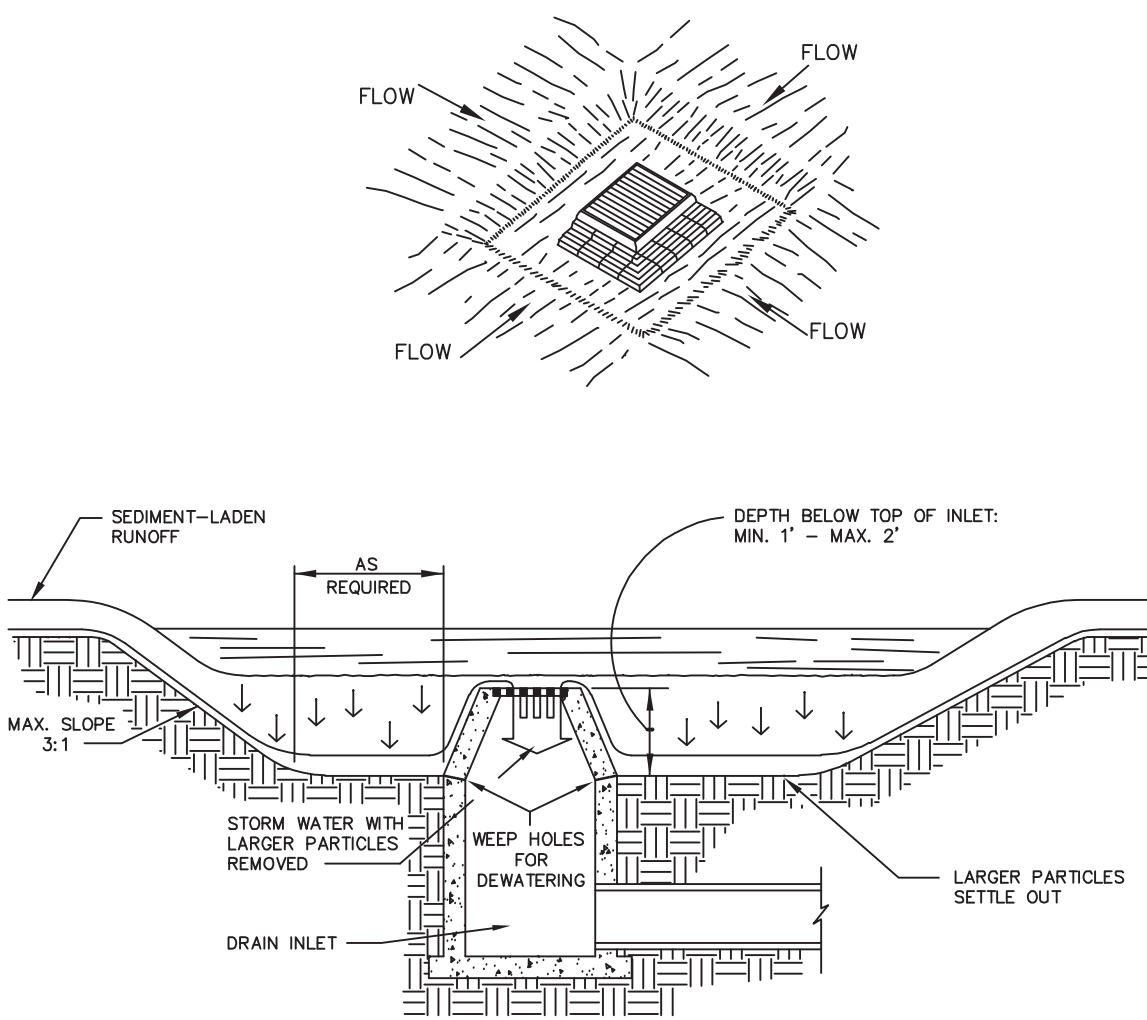
SYNTHETIC BALE BARRIER



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5%) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 CFS) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLET'S RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

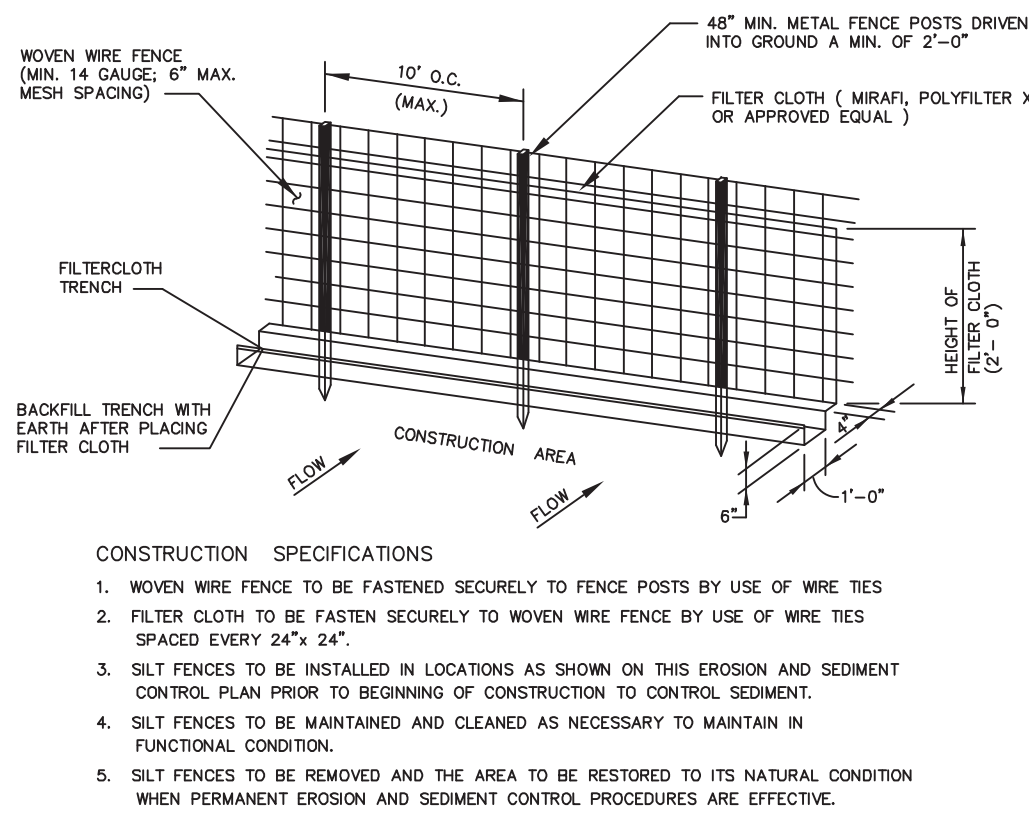
SYNTHETIC BALE DROP INLET SEDIMENT FILTER



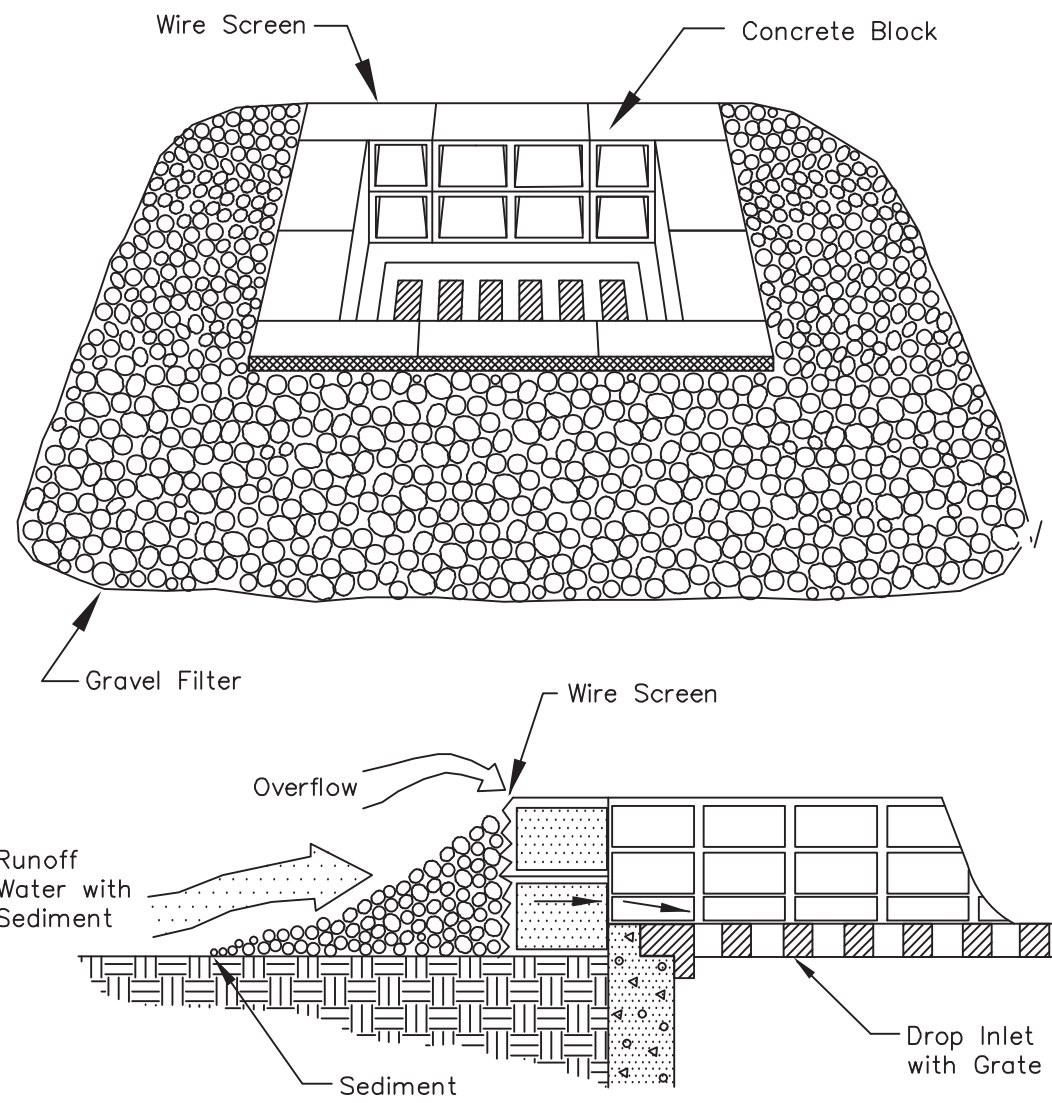
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPABILITY AND EASE OF MAINTENANCE ARE DESIRABLE.

EXCAVATED DROP INLET SEDIMENT TRAP



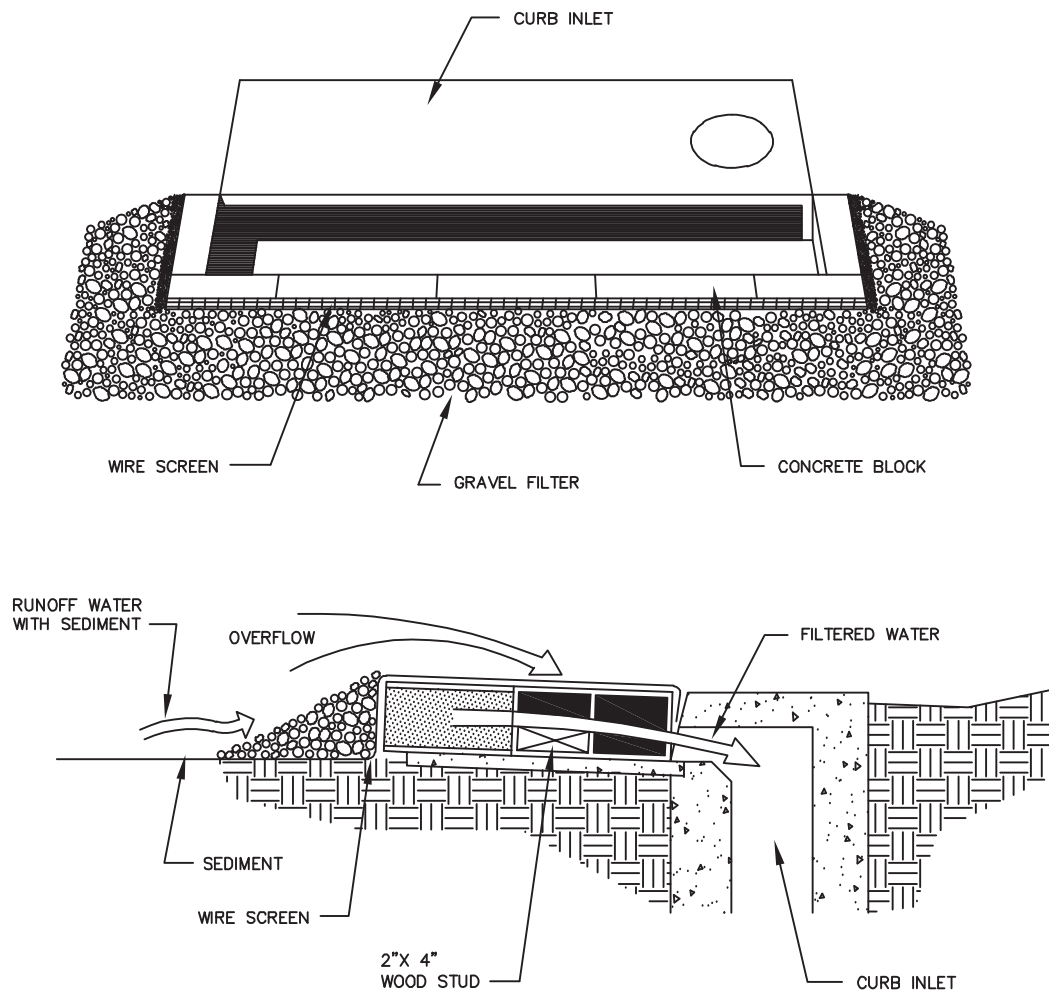
FILTER FENCE



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.

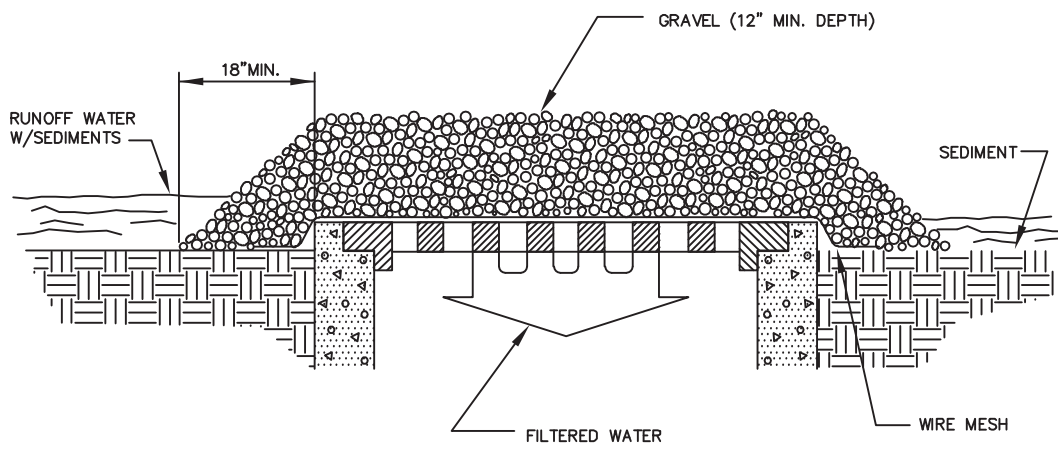
BLOCK & GRAVEL DROP INLET SEDIMENT FILTER



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLET'S WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE.

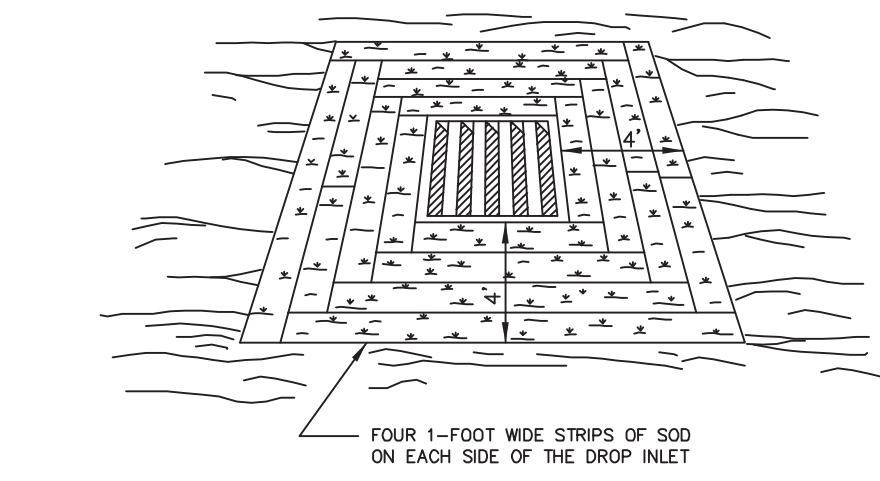
BLOCK & GRAVEL CURB INLET SEDIMENT FILTER



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURED ARE UNPROTECTED AREAS.

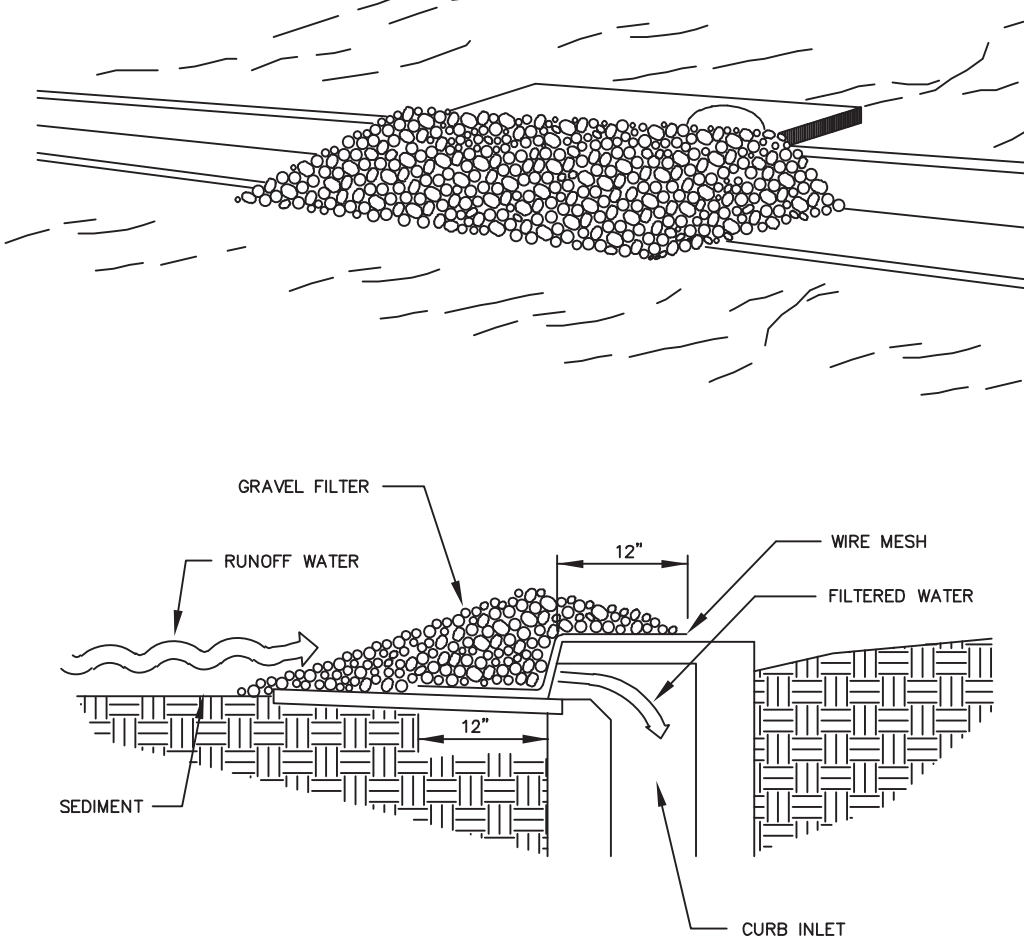
GRAVEL & WIRE MESH DROP INLET SEDIMENT FILTER



SPECIFIC APPLICATION

PROTECT THE INLET FROM SEDIMENT AND MULCH MATERIALS UNTIL PERMANENT VEGETATION HAS BECOME ESTABLISHED.

SOD DROP INLET SEDIMENT FILTER



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLET'S WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

GRAVEL CURB INLET SEDIMENT FILTER



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PH: (904) 730-3223 | FX: (904) 730-3225

Henry A. Vorpe Jr. No. 48049

UNLESS THIS DRAWING BEARS THE EMPRESSED SEAL OF A FLORIDA REGISTERED ENGINEER, AGING AS AN INFORMATION PURPOSES ONLY AND IS NOT VALID.

THE STORMWATER SYSTEM AS SHOWN ON THESE PLANS HAS BEEN PREPARED IN ACCORDANCE WITH STANDARD DESIGN CRITERIA, RULES OR LAWS THAT ARE MANDATED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. THE ENGINEER DOES NOT HAVE THE NECESSARY INFORMATION TO DETERMINE THE FINAL DESIGN FOR SUCH STORMWATER FACILITIES. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION FOR RETENTION AND TREATMENT OF STORMWATER.

US COLD STORAGE

EROSION CONTROL DETAILS

FLORIDA

COLUMBIA COUNTY

Date:5/21

Designer:HAV

Job #:21-024

Drawn:ARB

Scale:

Sheet:7 of 9

OWNER’S REQUIREMENTS

SITE DESCRIPTION
PROJECT NAME AND LOCATION: US COLD STORAGE 211 MCCLOSKEY AVE JACKSONVILLE, FL 32217
OWNER NAME AND ADDRESS: UNITED STATES COLD STORAGE 100 DOBS LANE SUITE #102 CHERRY HILL, NJ 08034
DESCRIPTION: COLD STORAGE TRANSFER FACILITY LOADING DOCK, FUTURE RAILROAD BRANCH LINE WILL CONNECT TO TRANSFER FACILITY TO UNLOAD LARGE FROZEN CARGO FROM RAILROAD CART. SOIL DISTURBING ACTIVITIES WILL INCLUDE: EROSION AND SEDIMENT CONTROLS; GRADING; AND PREPARATION FOR FINAL PLANTING AND SEEDING.
RUNOFF COEFFICIENT: 1. PRE-CONSTRUCTION = .78 2. DURING CONSTRUCTION = .85 3. POST-CONSTRUCTION =.90
SOILS: SEE SOILS REPORT FOR 'SOILS DATA
SITE MAPS: * SEE ATTACHED GRADING PLAN FOR PRE & POST DEVELOPMENT GRADES, AREAS OF SOIL, DISTURBANCE, LOCATION OF SURFACE WATERS, PROTECTED AREAS, MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS AND STORM WATER DISCHARGE POINTS. * SEE ATTACHED EROSION & TURBIDITY CONTROL PLAN FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES, AND TURBIDITY BARRIERS. * SEE GENERAL NOTES FOR REQUIREMENTS FOR TEMPORARY AND PERMANENT STABILIZATION.
SITE AREA: 1. TOTAL AREA OF SITE = 29.21 Ac. 2. TOTAL AREA TO BE DISTURBED = 0.00 Ac.
NAME OF RECEIVING WATERS: SUWANNEE RIVER VIA FALLING CREEK
CONTROLS
THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUNOFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS AS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL , STATE, AND LOCAL LAWS. REFER TO "CONTRACTORS RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.
STORM WATER MANAGEMENT STORM WATER DRAINAGE WILL BE PROVIDED BY CURB AND GUTTER, STORM SEWER, CURB INLETS AND CATCH BASINS FOR THE PAVED AREAS, AREAS WHICH ARE NOT DEVELOPED BUT WILL BE REGRADED SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE. WHEN CONSTRUCTION IS COMPLETE, A TOTAL OF ACRES WILL HAVE BEEN REGRADED. THE SITE DISCHARGES TO AN EXISTING WETLAND SYSTEM WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE PERMANENT DETENTION BASIN.
TIMING OF CONTROLS/MEASURES
REFER TO " CONTRACTORS RESPONSIBILITY " FOR THE TIMING OF CONTROL/MEASURES.
CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS
IN AN EFFORT TO ENSURE COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS REGARDING EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED: D.E.R. DREDGE/FILL PERMIT # C.O.E. DREDGE/FILL PERMIT # S.J.R.W.M.D. PERMIT # CITY OF JACKSONVILLE, FL DEVELOPMENT PERMIT
POLLUTION PREVENTION PLAN CERTIFICATION
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.
SIGNED: _____ CORPORATE OFFICER, GENERAL PARTNER, PROPRIETOR, EXECUTIVE OFFICER, RANKING ELECTED OFFICIAL
DATE: _____

CONTRACTOR’S REQUIREMENTS

GENERAL	STRUCTURAL PRACTICES	PRODUCT SPECIFIC PRACTICES	MAINTENANCE/INSPECTION PROCEDURES																					
THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWING EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO ADD FLOCCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.	1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY. 2. TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP IS USUALLY INSTALLED IN A DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA WITH THE FOLLOWING LIMITATIONS: A. THE SEDIMENT TRAP MAY BE INSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE. 3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE VELOCITY OF FLOW AT DESIGN CAPACITY OF THE OUTLET WILL EXCEED THE PERMISSIBLE VELOCITY OF THE RECEIVING CHANNEL OR AREA. 4. SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES AT ONE TIME. THE PROPOSED STORM WATER PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 3, 600 CUBIC FEET OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE. THE 3, 600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. ANY TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.	THE FOLLOWING 'PRODUCT SPECIFIC PRACTICES' WILL BE FOLLOWED ONSITE: PETROLEUM PRODUCTS ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS. FERTILIZERS FERTILIZERS USED WILL APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS. PAINTS ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS. CONCRETE TRUCKS CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.	EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS. 1. NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. 2. ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.25 INCHES OR GREATER. 3. ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT. 4. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE. 5. SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. 6. THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB. 7. DIVERSION DIKES/SHALES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED. 8. TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. 9. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS ATTACHED. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER, OR ANY FEDERAL, STATE, OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS. THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON- COMPLIANCE. 10. THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE, AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT. 11. PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.																					
OTHER CONTROLS	SPILL CONTROL PRACTICES	NON-STORM WATER DISCHARGES 1. IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD: 2. WATER FROM WATER LINE FLUSHING 3. PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED). 4. UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION). ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.																						
WASTE DISPOSAL WASTE MATERIALS ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESES PROCEDURES ARE FOLLOWED. HAZARDOUS WASTE ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. SANITARY WASTE ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS. OFFSITE VEHICLE TRACKING A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEPED DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPULIN.	IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP: MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (I.e. KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC, AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.	CONTRACTOR'S CERTIFICATION I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.																						
INVENTORY FOR POLLUTION PREVENTION PLAN	<table><tr><th>SIGNATURE</th><th>BUSINESS NAME AND ADDRESS OF CONTRACTOR AND ALL SUBS</th><th>RESPONSIBLE FOR/DUTIES</th></tr><tr><td></td><td></td><td>GENERAL CONTRACTOR</td></tr><tr><td></td><td></td><td>SUB-CONTRACTOR</td></tr><tr><td></td><td></td><td>SUB-CONTRACTOR</td></tr><tr><td></td><td></td><td>SUB-CONTRACTOR</td></tr><tr><td></td><td></td><td>SUB-CONTRACTOR</td></tr><tr><td></td><td></td><td>SUB-CONTRACTOR</td></tr></table>			SIGNATURE	BUSINESS NAME AND ADDRESS OF CONTRACTOR AND ALL SUBS	RESPONSIBLE FOR/DUTIES			GENERAL CONTRACTOR			SUB-CONTRACTOR			SUB-CONTRACTOR			SUB-CONTRACTOR			SUB-CONTRACTOR			SUB-CONTRACTOR
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THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION: CONCRETE ASPHALT TAR DETERGENTS FERTILIZERS PETROLEUM BASED PRODUCTS CLEANING SOLVENTS PAINTS WOOD MASONRY BLOCKS ROOFING MATERIALS METAL STUDS	MATERIAL MANAGEMENT PRACTICES THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF. GOOD HOUSEKEEPING THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT. 1. AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB. 2. ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE. 3. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURERS LABEL. 4. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER. 5. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER. 6. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED. 7. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.																							
HAZARDOUS PRODUCTS THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS. 1. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. 2. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION. 3. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.																								



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Henry A. Varpe Jr., No. 49049

UNLESS THIS DRAWING BEARS THE EMBOSSED SEAL OF A FLORIDA REGISTERED ENGINEER, ENGINEERING OR ARCHITECTURAL INFORMATION PURPOSES ONLY AND IS NOT VALID.

THE STORMWATER SYSTEM AS SHOWN ON THESE PLANS HAS BEEN PREPARED IN ACCORDANCE WITH STANDARD DESIGN CRITERIA, RULES OR LAWS THAT ARE MANDATED BY THE STATE OF FLORIDA. THE ENGINEER DOES NOT HAVE THE NECESSARY INFORMATION TO DETERMINE THE SUITABILITY OF THE STORMWATER FACILITIES. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION FOR CONTAMINATION RESULTING FROM THE REQUIREMENT FOR REMEDIATION AND TREATMENT OF STORMWATER.

US COLD STORAGE

SWPPP-1

FLORIDA

COLUMBIA COUNTY

Date:5/21

Designer:HAV

Job #:21-024

Drawn:ARB

Scale:

Sheet:8 of 9

